SAINTCON

OFFICIAL MINIBADGE

Assembly Guide 2025

This guide provides assembly instructions and guides for all SAINTCON MiniBadges.

v1.0 October 19, 2025

RARITY: This term is a little subjective, but is based on the following general guidelines:

500+ Available - Very Common
300 - 500 Available - Common
200 - 300 Available - Uncommon
100 - 200 Available - Rare
100 or fewer - Super Rare
10 or fewer - Not Included

DIFFICULTY: This is the basic definition of assembly difficulty:

BEGINNER: Generally uses large components, and with some basic soldering skills, this badge should be simple to assemble for most people.

INTERMEDIATE: Badges with this rating should not scare you away from assembling them. They get this rating when they use smaller components that might require a little more attention or steady hand to assemble. This could also indicate some level of complexity.

ADVANCED: Badges with this rating are generally for those with more refined soldering skills. Components are generally small and require a very steady and nimble hand to solder manually. We still encourage you to try. Using solder-paste and an oven can make this easier.

TYPES: We have done our best to compile in this guide an assembly guide for all known Minibadges.

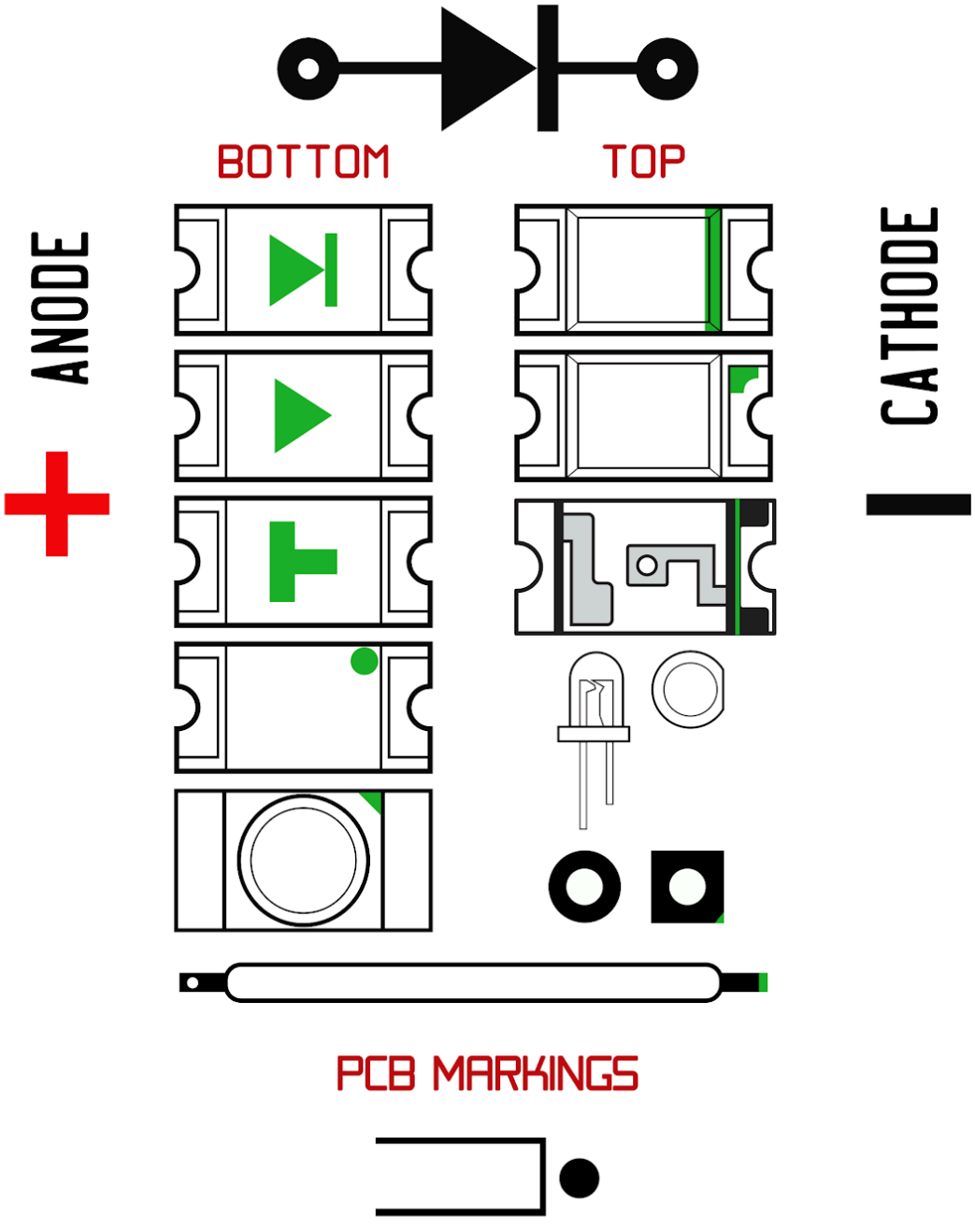
These badges fall into the following categories:

OFFICIAL: Badges designed specifically for the conference, and are acquired as part of the efforts to participate and explore what the conference has to offer.

SPONSOR: Badges designed by/for our proud sponsors. We are excited to see more sponsor minibadges than ever before.

PERSONAL: Many minibadge creators are super proud of their works, and are bringing badges to the conference for trading or to use for networking with people. These are not supported directly by the conference, but are featured here for convenience and assembly help.

LED ORIENTATION GUIDE



HAND SOLDERING:
NEVER SOLDER SMD COMPONENTS ABOVE 350°c.
SOLDERING ABOVE THIS TEMPERATURE WILL CAUSE DAMAGE!

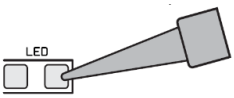
When hand-soldering Surface Mount Devices (SMD), the easiest method is to solder one-pad at a time, and It's called the Single-Pad Soldering Method.

Here's how it works:

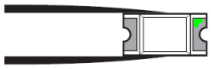
SINGLE-PAD
SOLDERING
METHOD

Regardless of how many contacts there are, it is important to only ever add solder to ONE PAD until the component is attached to the board. For example, with a standard LED here is how you would complete this process:

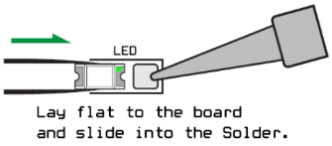
1. Use the soldering-iron to heat up and add a SMALL dab of solder to one side of the attachment pads



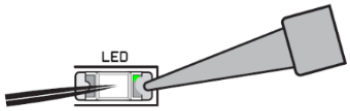
2. Use tweezers to carefully hold the LED with one side of the exposed contacts sticking out. For LEDs be sure to use the right orientation to avoid attaching the component backwards.



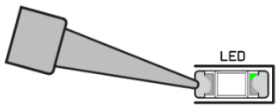
3. Re-Heat the solder placed on the single-pad with the iron, and carefully slide one side of the LED component into the molten solder.



4. Remove the heat, and allow the component to connect to the board. Once attached, use tweezers to gently rest on the top of the LED, and reheat the solder one last time. This will allow the component to settle flat to the board.



5. Once attached and flat to the board, use the iron to add a SMALL dab of solder to the other side of the LED to complete the attachment. Very little solder is needed.



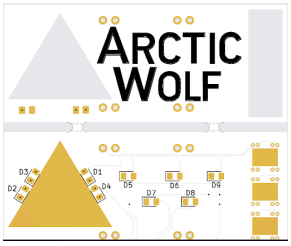
ALL OFFICIAL MINIBADGES

The following badges are contributed by various minibadge creators and are included here for reference. Any issues with these badges should be referred to the creator.

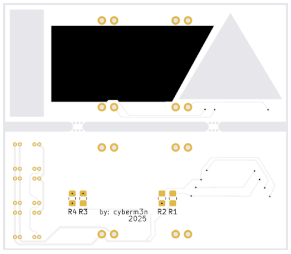
OFFICIAL	SPONSOR	COMMUNITY	EVENT	CONTEST	AWARD	PERSONAL	BADGE ACCESSORY
3	19	20	6	13	3	196	2

OTHER
10

FRONT



BACK



SPONSOR MINIBADGE

Arctic Wolf Base

Designed By: cyberm3n

This a triple wide triple board single badge, that underwent a last minute reversion. This badge will also be used to display 3 of the 4 AW Micro Badges that can be collected.

DIFFICULTY:

INTERMEDIATE

RARITY:

COMMON

HOW DO I GET ONE?

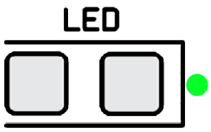
Stop by the Arctic Wolf booth. Find an Arctic Wolf employee to trade/exchange with

ASSEMBLY INSTRUCTIONS:

Detailed instruction can be found at: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

General Instructions:
1. Separate the boards
2. Solder LEDs to front of bottom board
3. Solder Resistors to back of bottom board
4. Solder PINs to the bottom board
5. [OPTIONAL] Thin layer of hot glue over LEDs to help diffuse the light
6. Solder the Top board to the PINs of the bottom board
7. [OPTIONAL] Solder LEDs and Resistors to Wolf Head
8. Solder Wolf Head to the front of the top board

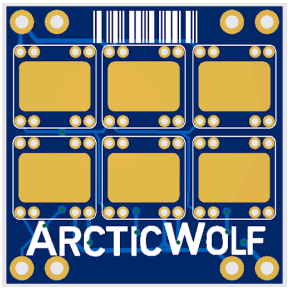
BOARD/LED TYPE:



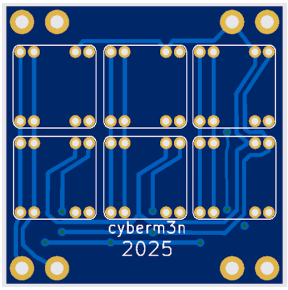
PARTS USED:

BOARD HOUSE USED:
JLCPCB

FRONT



BACK



SPONSOR MINIBADGE

Arctic Wolf MicroBadge Extender Display

Designed By: cyberm3n

This badge can house and display 6 Microbadges, in a 2x3 configuration. It can be used to display all 4 of the Arctic Wold Microbadges, as well as other designers microbadges that are based on the design specification that pip801 published.

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

HOW DO I GET ONE?

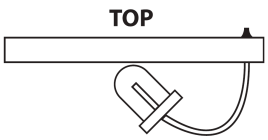
Swing by the Arctic Wolf booth
Find Arctic Wolf employee to swap/exchange with.
Ask...

ASSEMBLY INSTRUCTIONS:

Detailed instructions can be found here: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

Basic Instructions.
1. Remove PINs from the female header (need to line up with the badge)
2. Solder headers to the front of the board
3. Solder the PINs to the badge
4. Insert Microbadges into sockets

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:
JLCPCB

FRONT

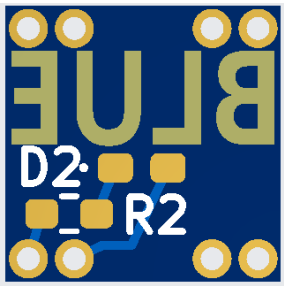
SPONSOR MINIBADGE

Red Team | Arctic Wolf

Designed By: cyberm3n

Part of a set that is ment to compliment the Arctic Wolf main and/or extender badge.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

HOW DO I GET ONE?

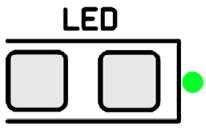
Found Arctic Wolf employee -> ask and/or trade with them

ASSEMBLY INSTRUCTIONS:

Find detailed instructions here: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

General Idea:
1. Solder the LED
2. Solder the Resistor
3. Prep the PINs
3. Solder the PINs to the badge

BOARD/LED TYPE:



PARTS USED:

FRONT

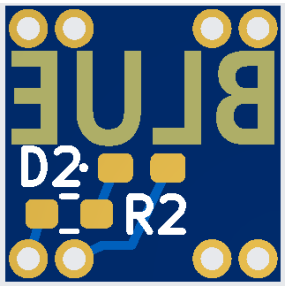
SPONSOR MINIBADGE

Blue Team | Arctic Wolf

Designed By: cyberm3n

Microbadge to be collected and used to compliant either the Arctic Wolf main badge or the extender badge.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

HOW DO I GET ONE?

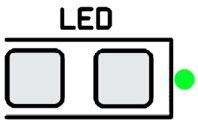
Find an Arctic Wolf employee -> Ask and/or trade with them

ASSEMBLY INSTRUCTIONS:

Get detailed instructions here: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

General Instructions
1. Solder LEDs
2. Solder Resistors
3. Prepare PINs
4. Solder PINs

BOARD/LED TYPE:



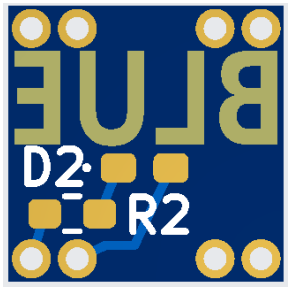
PARTS USED:

PART OF SET:

Arctic Wolf Micro
Set 2 of 4

FRONT

BACK



SPONSOR MINIBADGE

Purple Team | Arctic Wolf

Designed By: cyberm3n

Another one of the Arctic Wolf microbadge collection, to compliment the Arctic Wolf badge and/or the extender badge.

DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

HOW DO I GET ONE?

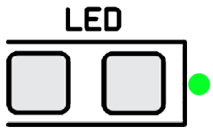
Find an Arctic Wolf employee -> Ask and/or trade with them

ASSEMBLY INSTRUCTIONS:

Instructions can be found here: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

General actions:
1. Solder the Resistor
2. Solder the LED
3. Prep the PINs and solder them

BOARD/LED TYPE:



PARTS USED:

PART OF SET:

AW Micro Set 3
0f 4

FRONT

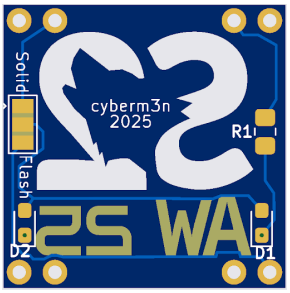
SPONSOR MINIBADGE

Black Badge | Arctic Wolf

Designed By: cyberm3n

Part of the AW Microbadge collection that is not a team or general security name; but more of a fun play on the attempt to get a "black" badge to any/all Security/Hacker conferences.
This is also ment to compliment the Arctic Wolf minibadges.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

HOW DO I GET ONE?

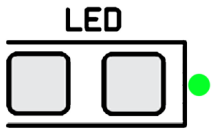
Find an Arctic Wolf employee -> Ask and/or trade with them.

ASSEMBLY INSTRUCTIONS:

Find instructions here: https://github.com/cyberm3n-org/SC_2025/arctic_wolf

Basic Instructions:
1. Solder LED and Resistor
2. Prep the PINs and solder them to the board

BOARD/LED TYPE:



PARTS USED:

PART OF SET:

AW Micro Set 4 of 4

SPONSOR MINIBADGE

FRONT

BACK

Protect your "Pie"

Designed By: Firebolt Services / hollyhacker

This MiniBadge was inspired by Varonis and their mission to safeguard sensitive data—your PII (Personally Identifiable Information). Playing on the homonym "PII" and "pie," the badge features a golden lattice pie as a lighthearted reminder that your data, like a good pie, deserves to be protected from prying hands.

DIFFICULTY:
BEGINNER

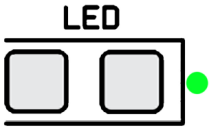
RARITY:
UNCOMMON

HOW DO I GET ONE?
Visit the Varonis Booth

ASSEMBLY INSTRUCTIONS:

Basic pad soldering

BOARD/LED TYPE:



PARTS USED:
1206 LED and Resistors

BOARD HOUSE USED:
JLCPCB

FRONT

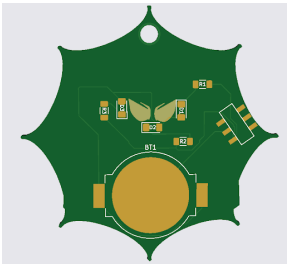
SPONSOR MINIBADGE

Fortinet Spider

Designed By: Firebolt Services /hollyhacker

This MiniBadge draws on Fortinet's web of protection motif—symbolizing the ever-watchful network of security that detects, traps, and neutralizes threats before they strike. Designed as a spider lurking in its digital web, it represents both vigilance and control within the vast cyberspace ecosystem.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

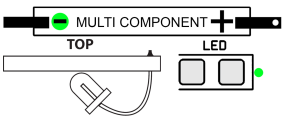
HOW DO I GET ONE?

Visit Fortinet Booth

ASSEMBLY INSTRUCTIONS:

BT1 – Battery Holder: Solder the battery holder in place. It has four legs, which should be bridged together on each side
D1, D2, D3 - Red LEDs: green corner mark on the led goes "in" the square marking
R1, R2, R3 - Solder each resistor in its matching position next to the LEDs. Orientation doesn't matter for resistors (numbers face out so they can be read)
Switch - The on/off switch is located in the box on the right side of the PCB. Solder all six legs separately, ensuring that no solder bridges between them—each leg must remain electrically isolated for proper switching function.

BOARD/LED TYPE:



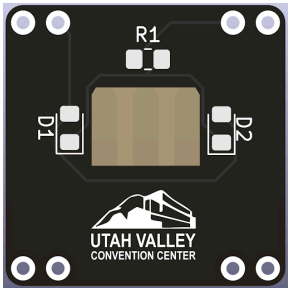
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



SPONSOR MINIBADGE

UVCC Utah Valley Convention Center

Designed By: Jup1t3r

Homage to the place SAINTCON has called Home for many years now.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

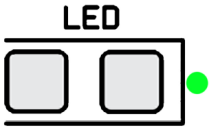
HOW DO I GET ONE?

For the UVCC to hand out at their discression.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

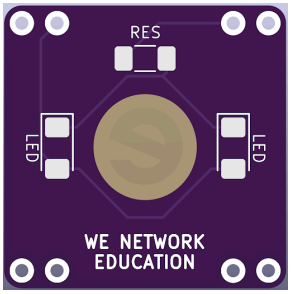
BOARD HOUSE USED:

JLCPCB

SPONSOR MINIBADGE

FRONT

BACK



UEN Sponsor MiniBadge

Designed By: Jup1t3r

UEN connects all Utah school districts, schools, and higher education institutions to a robust network to support educational resources througout the state. UEN is one of the nation's premier education networks, and is glad to be one of this years SAINTCON Sponsors.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

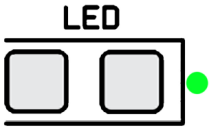
HOW DO I GET ONE?

Find someone from UEN.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

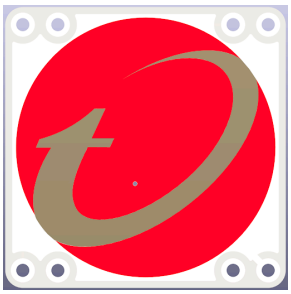
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

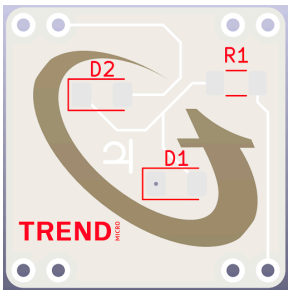
JLCPCB

SPONSOR MINIBADGE

FRONT



BACK



Trend Micro Sponsor MiniBadge

Designed By: Jup1t3r

Trend Micro is back as one of SAINTCONS amazing sponsors this year.

Trend Micro provides security for home and business, including antivirus, web and identity protection, parental controls, and password management for consumers, plus advanced endpoint, cloud, and network defense for enterprises.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

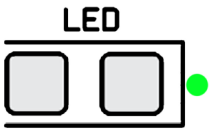
HOW DO I GET ONE?

Go find Trend Micro at the Con!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

SPONSOR MINIBADGE

FRONT

BACK

VLCM Sponsor MiniBadge

Designed By: Jup1t3r

VLCM is once again one of our amazing sponsors this year. VLCM is the ideal partner for organizations and businesses of all sizes looking to achieve their goals through cutting-edge technologies. With over 25 highly skilled engineers, we offer comprehensive IT solutions that cater to the full spectrum of your needs, including networking, storage, cybersecurity, big data, cloud, communications, end-user computing, and beyond.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

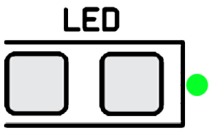
HOW DO I GET ONE?

Come visit our booth.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

PCBBuy

FRONT

BACK

SPONSOR MINIBADGE

CompuNet Sponsor MiniBadge

Designed By: Jup1t3r

CompuNet is back again as one of our SAINTCON Sponsors. CompuNet is a leading value-added reseller and managed service provider for information technology solutions, with offices in the Western US.

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

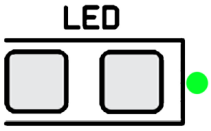
HOW DO I GET ONE?

Come visit their booth.

ASSEMBLY INSTRUCTIONS:

Follow the Instructions in the Build Video: https://youtu.be/_W32RlD65xg

BOARD/LED TYPE:

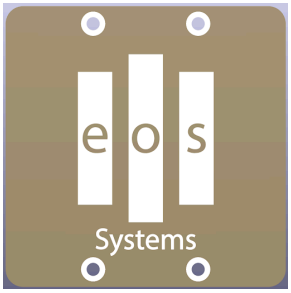


PARTS USED:

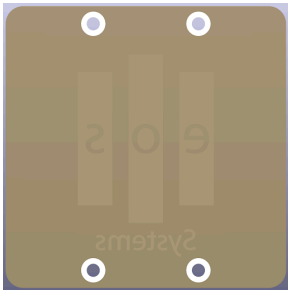
NeoPixel LED's
RESISTOR
FR4 PCB
2-Pin Pin Headers

Assembly:

FRONT



BACK



SPONSOR MINIBADGE

EOS Sponsor Minibadge

Designed By: Jup1t3r

EOS is one of our SAINTCON Sponsors this year. EOS offers IT Solutions and is ready to solve your complex IT challenges on a global scale!

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

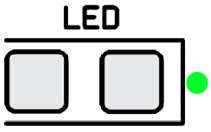
HOW DO I GET ONE?

Come visit us at SAINTCON!

ASSEMBLY INSTRUCTIONS:

Follow the Video Build Guide: https://youtu.be/qWofkvdawUA

BOARD/LED TYPE:



PARTS USED:

NeoPixel LED's
RESISTOR
FR4 PCB
2-Pin Pin Headers

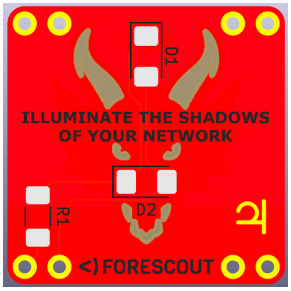
BOARD HOUSE USED:

JLCPCB

Assembly:

FRONT

BACK



SPONSOR MINIBADGE

Forescout Sponsor MiniBadge 1

Designed By: Jup1t3r

Forescout is back as a SAINTCON Sponsor. The attack surface is growing. So is Forescout. Our leading network security solutions for cyber asset management, network access control, segmentation management, and OT/ICS and IoMT security are now part of a broader portfolio that encompasses risk and exposure management and threat detection and response – all on a single, scalable, vendor-agnostic platform.

DIFFICULTY:

BEGINNER

RARITY:

RARE

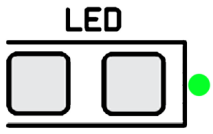
HOW DO I GET ONE?

Come Visit our Booth!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

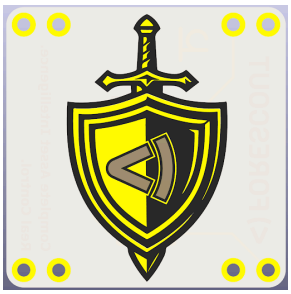
BOARD HOUSE USED:

JLCPCB

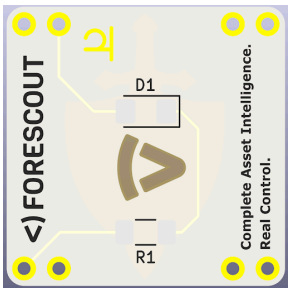
PART OF SET:

1 of 4

FRONT



BACK



SPONSOR MINIBADGE

Forescout Sponsor MiniBadge 2

Designed By: Jup1t3r

Forescout is back as a SAINTCON Sponsor. The attack surface is growing. So is Forescout. Our leading network security solutions for cyber asset management, network access control, segmentation management, and OT/ICS and IoMT security are now part of a broader portfolio that encompasses risk and exposure management and threat detection and response – all on a single, scalable, vendor-agnostic platform.

DIFFICULTY:

BEGINNER

RARITY:

RARE

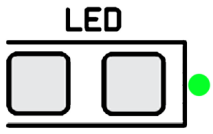
HOW DO I GET ONE?

Come Visit our Booth!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

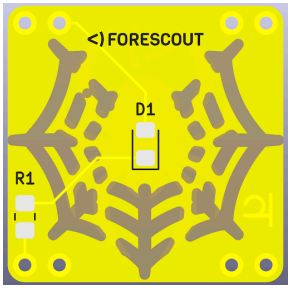
JLCPCB

PART OF SET:

2 of 4

FRONT

BACK



SPONSOR MINIBADGE

Forescout Sponsor MiniBadge 3

Designed By: Jup1t3r

Forescout is back as a SAINTCON Sponsor. The attack surface is growing. So is Forescout. Our leading network security solutions for cyber asset management, network access control, segmentation management, and OT/ICS and IoMT security are now part of a broader portfolio that encompasses risk and exposure management and threat detection and response – all on a single, scalable, vendor-agnostic platform.

DIFFICULTY:

BEGINNER

RARITY:

RARE

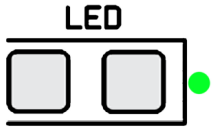
HOW DO I GET ONE?

Come Visit our Booth!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

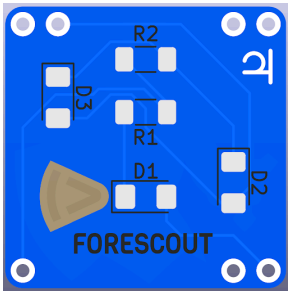
JLCPCB

PART OF SET:

3 of 4

FRONT

BACK



SPONSOR MINIBADGE

Forescout Sponsor MiniBadge 4

Designed By: Jup1t3r

Forescout is back as a SAINTCON Sponsor. The attack surface is growing. So is Forescout. Our leading network security solutions for cyber asset management, network access control, segmentation management, and OT/ICS and IoMT security are now part of a broader portfolio that encompasses risk and exposure management and threat detection and response – all on a single, scalable, vendor-agnostic platform.

DIFFICULTY:

BEGINNER

RARITY:

RARE

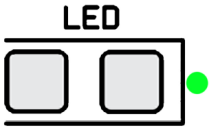
HOW DO I GET ONE?

Come Visit our Booth!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

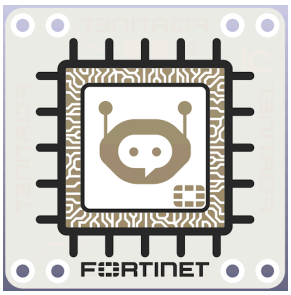
JLCPCB

PART OF SET:

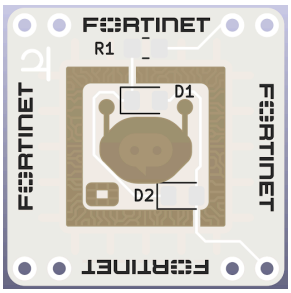
4 of 4

SPONSOR MINIBADGE

FRONT



BACK



Fortinet Sponsor MiniBadge

Designed By: Jup1t3r

Fortinet has once again got your back, as well as backing SAINTCON this year. As a leading vendor in the cybersecurity industry, Fortinet secures the largest enterprises, service providers, and government organizations around the world

DIFFICULTY:

BEGINNER

RARITY:

COMMON

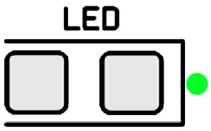
HOW DO I GET ONE?

Come Visit them at the con.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

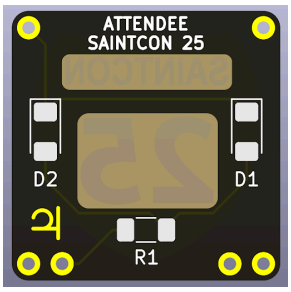
OFFICIAL MINIBADGE

Attendee MiniBadge

Designed By: Jup1t3r

Welcome to SAINTCON 2025. The Premiere Cybersecurity Conference of Utah and Beyond.

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

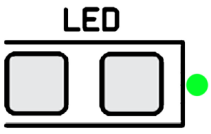
HOW DO I GET ONE?

Included with your registration packet.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

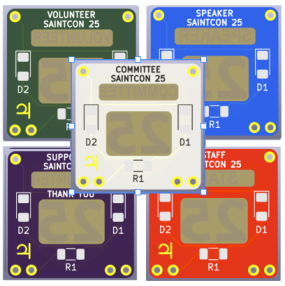
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



OFFICIAL MINIBADGE

Official Minibadge - Crew

Designed By: Jup1t3r

To all the amazing Supporters, Committee members, Staff, Volunteers, Speakers, and everyone who helped make this conference a success—thank you.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

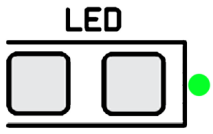
HOW DO I GET ONE?

Designated to those folks that made SAINTCON amazing once again.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

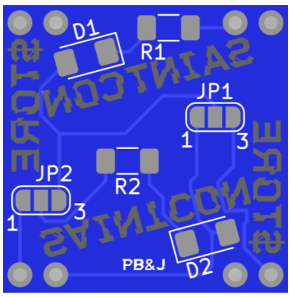
BOARD HOUSE USED:

JLCPCB

OFFICIAL MINIBADGE

FRONT

BACK



SAINTCON Store Official MiniBadge

Designed By: PB&J

The SAINTCON Store is your one-stop spot for conference swag, limited-edition gear, and must-have collectibles for cybersecurity enthusiasts. Grab something to remember the conference — or just to make your desk look cooler.

DIFFICULTY:

INTERMEDIATE

RARITY:

COMMON

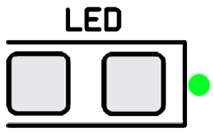
HOW DO I GET ONE?

Come buy something from the store!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



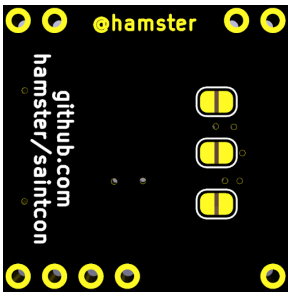
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

COMMUNITY MINIBADGE

FRONT

BACK



Bit Stream Hackers Community MiniBadge

Designed By: hamster

This community will have several stations setup with laptops with logic analyzers and other equipment to tap into and analyze data flows on a variety of electronics. You can come use our kit, or borrow one of our logic analyzers to take with you to check things out on your own.

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

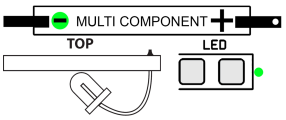
HOW DO I GET ONE?

Come and Participate!

ASSEMBLY INSTRUCTIONS:

https://github.com/hamster/saintcon

BOARD/LED TYPE:



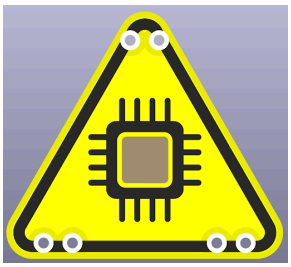
PARTS USED:

Check out hamsters Github for more info. https://github.com/hamster/saintcon

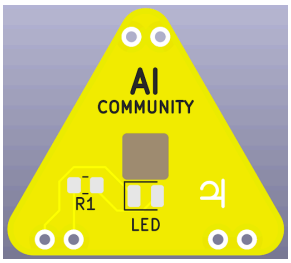
Assembly:

COMMUNITY MINIBADGE

FRONT



BACK



AI Community MiniBadge

Designed By: Jup1t3r

From hands-on AI hacking to bizarre deepfake hijinks, the AI Community is your one-stop spot to learn, build, break, and play with all things artificial intelligence.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

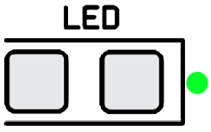
HOW DO I GET ONE?

Come visit our booth and participate to get our MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

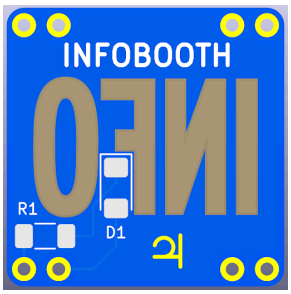
BOARD HOUSE USED:

PCBBuy

COMMUNITY MINIBADGE

FRONT

BACK



Info Booth Community MiniBadge

Designed By: Jup1t3r

The Info Booth Community is your place for solutions. Come ask us your questions, and we will do what we can to help!

DIFFICULTY:

BEGINNER

RARITY:

COMMON

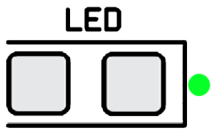
HOW DO I GET ONE?

Need help finding something? Unsure what to do next? Lost as a first time attendee? Just lost? Come see us. If we cant help, at least you will find a MiniBadge here for your efforts.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

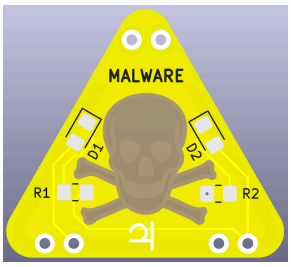
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



COMMUNITY MINIBADGE

Malware Community MiniBadge

Designed By: Jup1t3r

Malware Community provides a training ground for prospective security engineers, or anyone who works in (or wants to work in) the field of malware analysis and forensics. The community is a safe and engaging place to get a taste of the type of work you will do as a malware analyst, and learn the basics, or if you already work in the field, to expand your knowledge and test your mettle.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

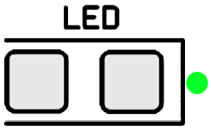
HOW DO I GET ONE?

Come and Participate in our contest.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

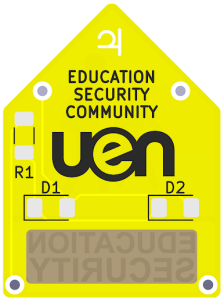
BOARD HOUSE USED:

PCBBuy

COMMUNITY MINIBADGE

FRONT

BACK



Education Security Community MiniBadge

Designed By: Jup1t3r

Our community focuses on the security needs and collaboration that is helpful for our K12, higher education and library educational communities. Presentations, walk-ups and hands-on workshops will focus on open discussions and real-world cybersecurity experiences in the education environment.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

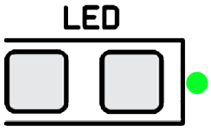
HOW DO I GET ONE?

Come visit our booth for more details on how get this cool MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

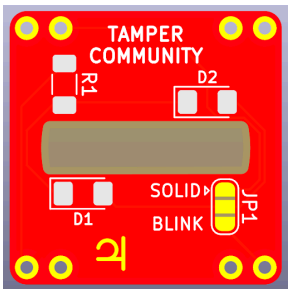
BOARD HOUSE USED:

PCBBuy

COMMUNITY MINIBADGE

FRONT

BACK



Tamper Evident Community MiniBadge

Designed By: Jup1t3r

If a container or object is "Tamper Evident" it is designed to make it obvious if someone has opened or modified it. Tamper evident seals and devices we rely on are like any other security control, they have vulnerabilities. The Tamper Evident community is all about bypassing these security devices without leaving any physical proof behind. This involves using heat, chemicals, brute force, and a keen eye for imperfections.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

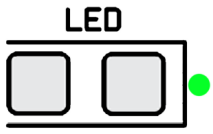
HOW DO I GET ONE?

Come and participate and see if you can defeat TAMPER EVIDENT.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

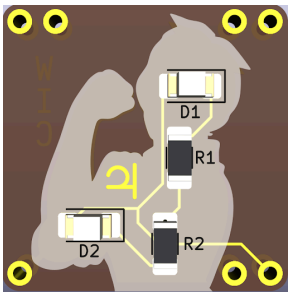
COMMUNITY MINIBADGE

Women in Cybersecurity Community MiniBadge

Designed By: Jup1t3r

Geared towards a safe space for women where they can come together and voice the concerns and challenges they have experienced in their careers.

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

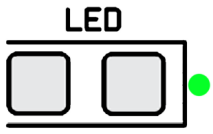
HOW DO I GET ONE?

Come visit our space to connect, job hunt and snag a MiniBadge!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

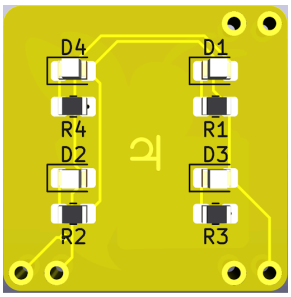
COMMUNITY MINIBADGE

AppSec Community MiniBadge

Designed By: Jup1t3r

You know how to find vulnerabilities—but can you fix them? Whether you're a seasoned security engineer or a developer diving deeper into secure coding, the AppSec Community event gives you the hands-on experience to sharpen both offensive and defensive skills.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

COMMON

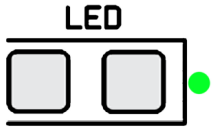
HOW DO I GET ONE?

Come to our booth and participate.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

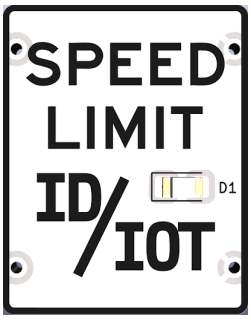
0805 LED
0805 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

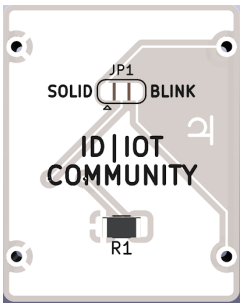
ALLPCB

COMMUNITY MINIBADGE

FRONT



BACK



ID/IOT Community MiniBadge

Designed By: Jup1t3r

If you're interested in learning even more about control systems and how they work, as well as discussing the security implications of these systems, then our community is the perfect place for you.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

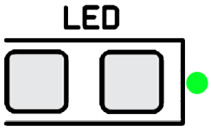
HOW DO I GET ONE?

Details are still being worked out, but to collect our MiniBadge, come visit our booth for more details on how get this cool MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

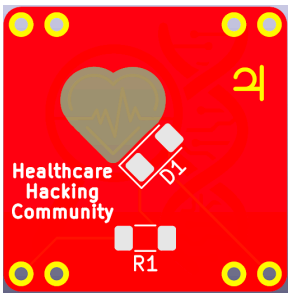
BOARD HOUSE USED:

JLCPCB

COMMUNITY MINIBADGE

FRONT

BACK



Healthcare Hacking Community MiniBadge

Designed By: Jup1t3r

The Health Care Hacking Community is a location for conference attendees to gather to learn and share information on the state of healthcare cybersecurity and how it intersects with personal health. Healthcare is an industry that impacts everyone in some way.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

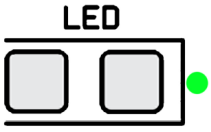
HOW DO I GET ONE?

Like previous years, we will have a hospital room display with medical devices on hand for attendees to hack against. Come Participate to get one of our badges.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

COMMUNITY MINIBADGE

RFID/NFC Community Minibadge

Designed By: Jup1t3r

Dive into the world of NFC/RFID with hands-on learning and epic challenges! Test your skills in our CTF, packed with puzzles for all levels. Are you ready to hack, learn, and conquer

BACK

DIFFICULTY:

BEGINNER

RARITY:

COMMON

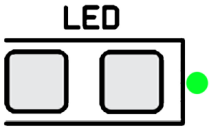
HOW DO I GET ONE?

Come Participate in our community!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

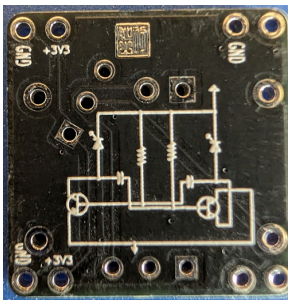
BOARD HOUSE USED:

JLCPCB

COMMUNITY MINIBADGE

FRONT

BACK



2025 HHC Minibadge

Designed By: RuShan

This is an update from last year's HHC minibadge now with schematic silk image on bottom of minibadge and new SAINTCON logo to light up. It features the learning alternating transistor circuit to blink two LEDs in quick precession to light up the top PCB design. This is a two PCB minibadge and has a mix of through hole and SMD parts for beginners to learn how to solder a more complex circuit.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

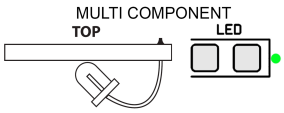
HOW DO I GET ONE?

HHC booth showing you can solder a minibadge or attend a learn to solder class.

ASSEMBLY INSTRUCTIONS:

https://youtu.be/mYhyAsTBl1Q

BOARD/LED TYPE:



PARTS USED:

FRONT

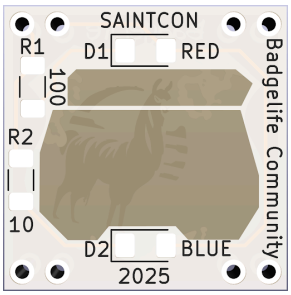
COMMUNITY MINIBADGE

Badgelife

Designed By: Saintcon

The Badgelife Minibadge. It's a badge, aaaaand it's mini...

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

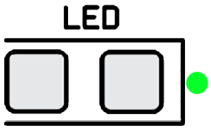
HOW DO I GET ONE?

Come say hi to us at the Badgelife Community!

ASSEMBLY INSTRUCTIONS:

There are two LEDs, one RED, one BLUE. Put the LEDs and resistors on the appropriate pads as marked.

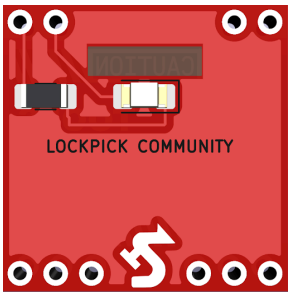
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



COMMUNITY MINIBADGE

Lockpick Community MiniBadge

Designed By: SHFITY

Lock Picking is a security "right of passage". Your journey begins here!

Whether you are new or experienced with lock picking, the Lock Picking Community is a must stop. This is a great skill to help you learn about physical security and that everything has vulnerabilities. We will have lock picking instructions, challenges, and plenty of practice time for you to learn and develop your skills.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

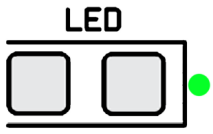
HOW DO I GET ONE?

Come and Level up in the lockpicking community. As you Level up your skills, this badge has replaceable belts that will take you thorough the lockpick belt system. See how far you can level up while your at the CON!

ASSEMBLY INSTRUCTIONS:

Solder the SMD LED's and Resistors using the single pad soldering method.

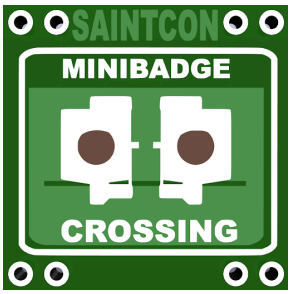
BOARD/LED TYPE:



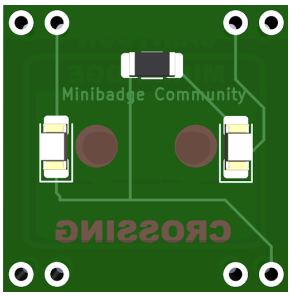
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT



BACK



COMMUNITY MINIBADGE

MiniBadge Community Official MiniBadge

Designed By: SHIFTY

Come here to find a place to trade, learn and ask questions about all things kicad, and put your unique design in our official display for all to see.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

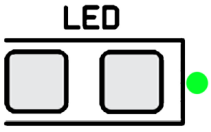
HOW DO I GET ONE?

Come visit our community and tell us about your favorite MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

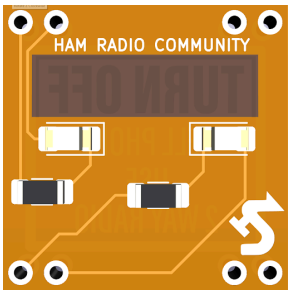
BOARD HOUSE USED:

JLCPCB

COMMUNITY MINIBADGE

FRONT

BACK



Ham Radio Community MiniBadge

Designed By: SHIFTY

This is a community for all things Amateur Radio. See someone with a radio? Introduce yourself and exchange callsigns. Got your ticket years ago but never been on-air? Make your first QSO with a friendly con attendee. You'd be surprised how many attendees are amateur radio enthusiasts and would love to share what they have learned.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

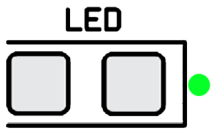
HOW DO I GET ONE?

Come visit our booth to get this cool MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

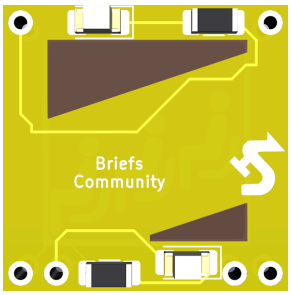
BOARD HOUSE USED:

PCBBuy

COMMUNITY MINIBADGE

FRONT

BACK



Briefs Community MiniBadge

Designed By: SHIFTY

Take your opportunity to tell fellow attendees about a cool project you've been working on, or topic that interests you.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

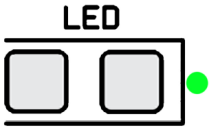
HOW DO I GET ONE?

Give a short informal presentation.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

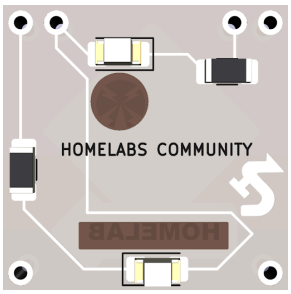
BOARD HOUSE USED:

JLCPCB

COMMUNITY MINIBADGE

FRONT

BACK



Home Labs Community MiniBadge

Designed By: SHIFTY

Home Labs is a community of IT professionals and hobbyists who sharpen their skills for their $dayjob while building cool stuff at home. We will be focusing on securing your network from threats!

DIFFICULTY:

BEGINNER

RARITY:

COMMON

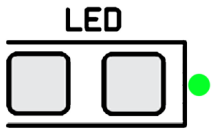
HOW DO I GET ONE?

This community will be a space where you can talk about projects you are working on, work on – or better yet submit – some lab guides of cool solutions you have built, check out awesome demos, and join in with your fellow dumpster-diving hardware enthusiasts. Find us and participate to get our MiniBadge.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

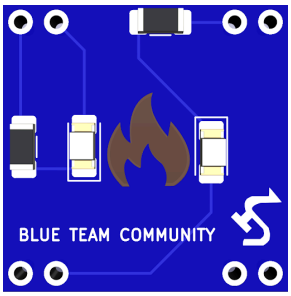
BOARD HOUSE USED:

JLCPCB

COMMUNITY MINIBADGE

FRONT

BACK



Eiffel65 Blue Team Community MiniBadge

Designed By: SHIFTY

Eiffel65 is a place of learning. Many are accustomed to exploits of red teaming, but it's much more common to be involved in defending a network than hacking it. Come explore the layers of the defensive security. From the inner core of incident response, where analysts and engineers pull apart the scene of the attack.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

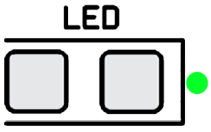
HOW DO I GET ONE?

Come and explore what it means to be on the blue side.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

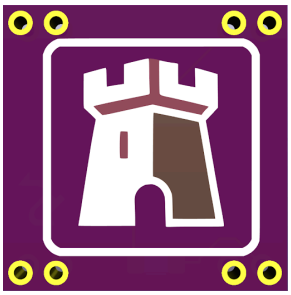
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

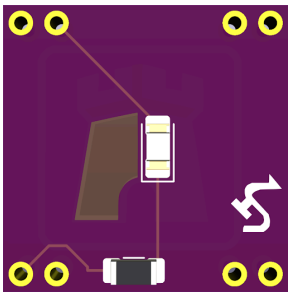
JLCPCB

COMMUNITY MINIBADGE

FRONT



BACK



The KEEP Community MiniBadge

Designed By: SHIFTY

The Keep is a fun and educational environment where you can both learn the fundamentals of hacking and test your abilities in a realistic environment. Whether you are a beginner or an expert hacker, there are opportunities for you to learn new things and challenge yourself.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

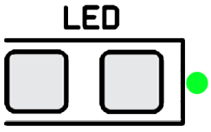
HOW DO I GET ONE?

Come visit our booth for more details on how get this cool MiniBadge.

ASSEMBLY INSTRUCTIONS:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD/LED TYPE:



PARTS USED:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD HOUSE USED:

JLCPCB

FRONT

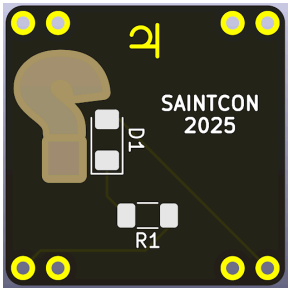
EVENT MINIBADGE

wHo'S sLidE iS iT NOW?

Designed By: Jup1t3r

Whose Slide Is It Now? is a fast-paced, improv-style event where participants give spontaneous presentations using random, unseen slide decks. It's a hilarious and engaging challenge that builds quick thinking, creativity, and public speaking skills—all while keeping the audience entertained.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

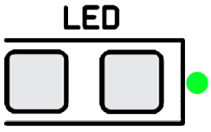
HOW DO I GET ONE?

Come and participate in the event!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK

EVENT MINIBADGE

Tin Foil Hat Talks

Designed By: Jup1t3r

[redacted]

DIFFICULTY:

BEGINNER

RARITY:

RARE

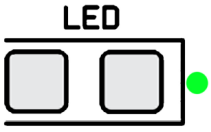
HOW DO I GET ONE?

Event Details and Information:
Who said there was an event?

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

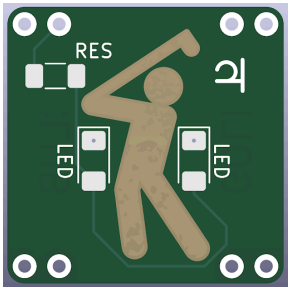
EVENT MINIBADGE

MiniGolf Event MiniBadge

Designed By: Jup1t3r

Where else will you be able to play mini-golf at a conference? This is another great networking opportunity or easy way to get to know others. Find a team and come play a round while you weave your way around the conference itself.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

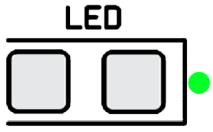
HOW DO I GET ONE?

Come experience the ultimate mini-golf experience.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

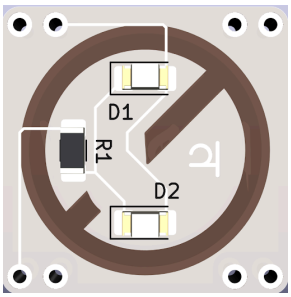
BOARD HOUSE USED:

JLCPCB

EVENT MINIBADGE

FRONT

BACK



Improv for HACKERS Event MiniBadge

Designed By: Jup1t3r

An intro class to acting and getting into the correct mindset for real world settings. Taught by a professional improviser, participants will learn how to build a persona and tricks to really deliver on that character.

DIFFICULTY:

BEGINNER

RARITY:

RARE

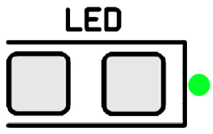
HOW DO I GET ONE?

Come and lean some Improv!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

EVENT MINIBADGE

Glitch Gallery Camera

Designed By: Pips

This Minibadge is to be given out to the first 200 attendees of 801 Lab's first ever Glitch Gallery - an after-hours cyber art gallery held on Thursday night with projections, music, lights, tech-related art, and drinks + snacks.

BACK

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

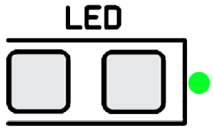
HOW DO I GET ONE?

RSVP and attend Glitch Gallery!

ASSEMBLY INSTRUCTIONS:

Solder the LED, resistor, and 4x pin headers.

BOARD/LED TYPE:



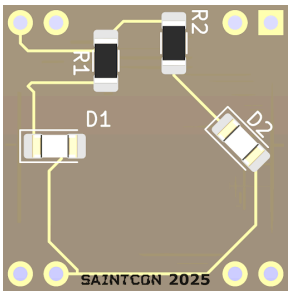
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



EVENT MINIBADGE

Beat the Breach

Designed By: Westley Wagstaff

The Beat the Breach minibadge was created primarily for participants in the Beat the Breach event. We think that there is a better way to perform cybersecurity table top exercises. Pairing a table top exercise (traditional) with a hands-on keyboard simulation of the scenario allows the theoretical scenario to be more fully tested. The event allows security personnel to test the theory in a "real life" simulation. Finally, adjustments can be made after the post mortem with personnel training. We hope you like our minibadge and SaintCON.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

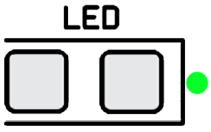
Attend the Beat the Breach Event (limited availability)

ASSEMBLY INSTRUCTIONS:

R1 and R2 places on the back of the badge are where the resistors (small white packages) will be soldered to the board.
D1 and D2 places on the back of the badge are where the red LED lights (small black packages) will be soldered to the board.
Remember the resistors and lights are within the packages, you must remove them prior to beginning soldering.

Each corner gets their two pins soldered and you are ready to go!

BOARD/LED TYPE:

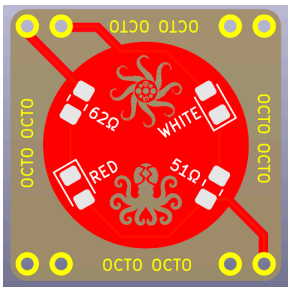


PARTS USED:

1 minibadge/board
4 pins (two each still intact together)
2 LED lights (red)
2 resistors

FRONT

BACK



CONTEST MINIBADGE

Octopus Games

Designed By: Jup1t3r

New to SAINTCON? Octopus Game is your guided quest through the conference. Play through challenges, explore communities, and meet fellow adventurers. It is the easiest and most fun way to dive in.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

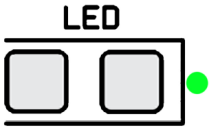
HOW DO I GET ONE?

Octopus Game is your quest to explore SAINTCON itself. Along the way you will solve puzzles, uncover hidden challenges, and discover the communities that make the conference thrive. You will meet people and learn the paths of the Order while making the most of your SAINTCON experience. Begin your adventure at the Octopus Game booth,

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

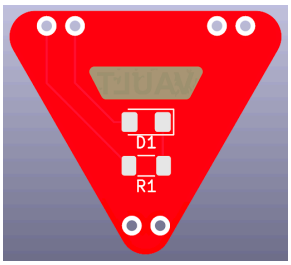
CONTEST MINIBADGE

The VAULT Contest MiniBadge

Designed By: Jup1t3r

The Vault is a physical security contest where teams race against the clock to defeat a series of layered defenses and ultimately breach the vault itself.

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

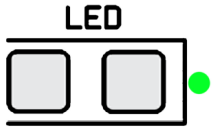
HOW DO I GET ONE?

THE VAULT: Get in. Get it. Get out.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

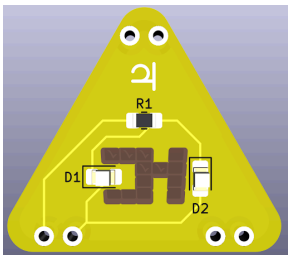
FRONT

Hackes Challenge Contest MiniBadge

Designed By: Jup1t3r

The Hackers Challenge contest is a Jeopardy-like progressive game where players are presented with challenges that require various security and technical skills to solve. Players work on these challenges and submit keys collected from solving them in order to earn points.

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

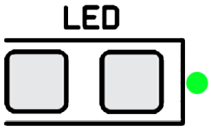
HOW DO I GET ONE?

Visit our space and play the game!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



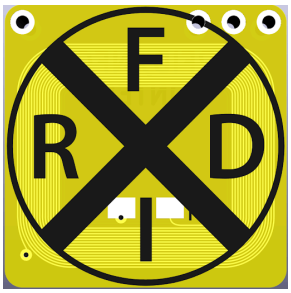
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

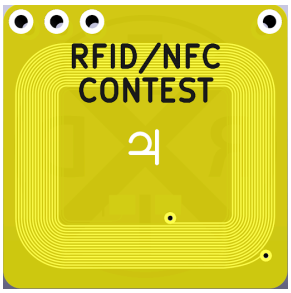
BOARD HOUSE USED:

AllPCB

FRONT



BACK



CONTEST MINIBADGE

RFID/NFC Capture the FLAG!

Designed By: Jup1t3r

Dive into the world of NFC/RFID with hands-on learning and epic challenges! Test your skills in our CTF, packed with puzzles for all levels. Are you ready to hack, learn, and conquer?

DIFFICULTY:

BEGINNER

RARITY:

COMMON

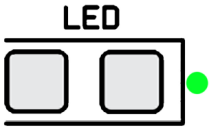
HOW DO I GET ONE?

Join the Fun at our community.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

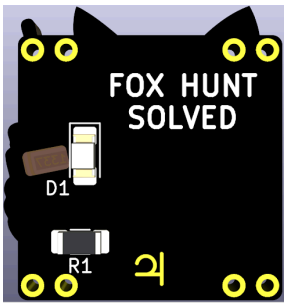
BOARD HOUSE USED:

AllPCB

CONTEST MINIBADGE

FRONT

BACK



Fox Hunt Contest MiniBadge

Designed By: Jup1t3r

The fox hunt has been redesigned. This year we will have more Foxes, More Secrets, and Fantastic Prizes!

This will be the first year to continue the hunt outside in the great outdoor Fox Hunt.

DIFFICULTY:

BEGINNER

RARITY:

RARE

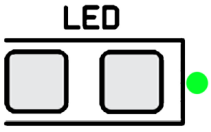
HOW DO I GET ONE?

Come and participate.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

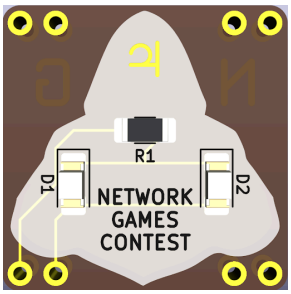
FRONT

NETWORK Games Contest Minibadge

Designed By: Jup1t3r

Brought to you by Fortinet: Owning the network will test your networking skills and allow anyone of any skill level to participate. If you are new to networking videos will be provided explaining the main concepts.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

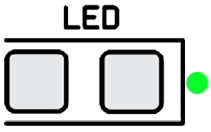
HOW DO I GET ONE?

Come jump in and play.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

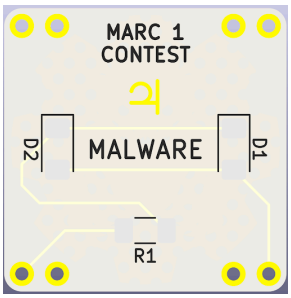
BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

FRONT

BACK



MARC 1 Contest MiniBadge

Designed By: Jup1t3r

DIFFICULTY:

BEGINNER

RARITY:

COMMON

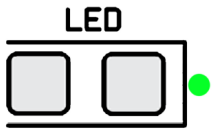
HOW DO I GET ONE?

Participate in the contest

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

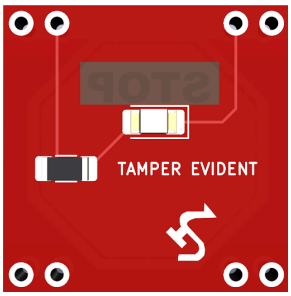
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPBC

FRONT

BACK



CONTEST MINIBADGE

Tamper Evident Contest MiniBadge

Designed By: SHIFTY

Break in and leave no trace behind…
Welcome to this year's Tamper Evident Challenge!

This year, the F.I.B agency is back again and needs your help breaking into a package to swap some items. The challenge will be split into two sections: Beginner and Advanced.

DIFFICULTY:

BEGINNER

RARITY:

RARE

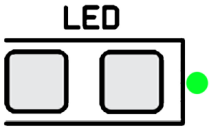
HOW DO I GET ONE?

Come visit us to find out how to obtain one of our unique MiniBadges.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

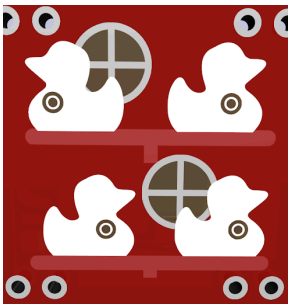
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

FRONT



BACK

AppSec Hacking Carnival Games MiniBadge

Designed By: SHIFTY

You know how to find vulnerabilities—but can you fix them? Whether you're a seasoned security engineer or a developer diving deeper into secure coding, the AppSec Community event gives you the hands-on experience to sharpen both offensive and defensive skills.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

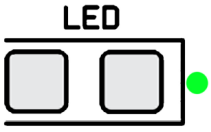
HOW DO I GET ONE?

Come learn code-first security with practical exposure to some of the popular open-source tools.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

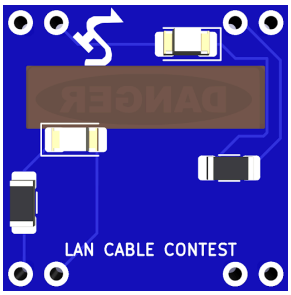
BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

FRONT

BACK



Lan Cable Contest MiniBadge

Designed By: SHIFTY

Making LAN cables is a handy trait for any Cyber Specialist. Come To Learn, Stay to Win.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

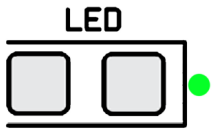
HOW DO I GET ONE?

Test your Skills and try to build a Lan Cable.....
AS FAST AS YOU CAN!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

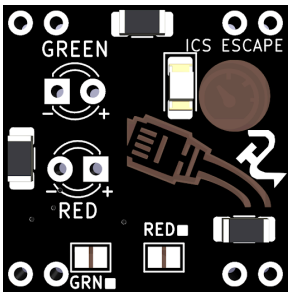
BOARD HOUSE USED:

JLCPCB

CONTEST MINIBADGE

FRONT

BACK



ICS Escape Event MiniBadge

Designed By: SHIFTY

The space station Asteroid Covenant has sent out a distress signal stating they have experienced a loss of its critical life support control systems. The life support systems (i.e., oxygen and HVAC systems) have failed and there is only 60 minutes of air remaining before the demise of the crew.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

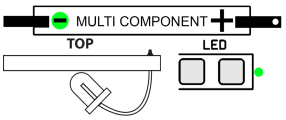
HOW DO I GET ONE?

Best experienced with 5-10 people. Drop by to signup for a time.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the SMD LED and Resistors.
- Solder the Jumpers on the back for which LEDS you want on. Red, Green or Both.
- THE THT LED BULBs SHOULD BE ON THE FRONT SIDE
- Push the THT LEDs in on the FRONT Making sure to reference their colors and orientation on the back side.
- REPAIR NOTE: The markings for the RED Led are not correct. The positive ""Longer Lead"" is the CIRCLE Hole.
- Solder the THT LEDS and trim off the excess of the leads.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
3mm LED's
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK

CONTEST MINIBADGE

Guess My Password

Designed By: Zevlag & TGalvez

Is your password easily guessed? What does your password say about you? Find the pop-up contest and participate!

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

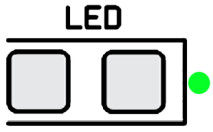
HOW DO I GET ONE?

Participate in the Guess My Password Pop-up Contest

ASSEMBLY INSTRUCTIONS:

- Solder the LED
- Solder the Resistor
- Solder the 4x 2-Position headers

BOARD/LED TYPE:



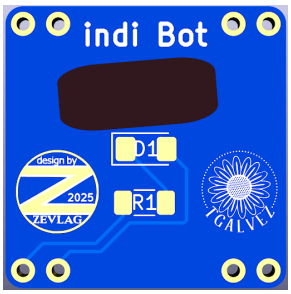
PARTS USED:

1x 1206 SMD LED
1x 1206 SMD resistor

CONTEST MINIBADGE

FRONT

BACK



indi Bot

Designed By: Zevlag & TGalvez

These cute little bots can be quite fun sometimes. Come play with the kid toys and see if you can beat my challenge!

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

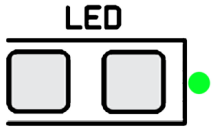
HOW DO I GET ONE?

Participate in the ind Bot Pop-up Contest

ASSEMBLY INSTRUCTIONS:

- Solder the LED
- Solder the Resistor
- Solder the 4x 2-Position headers

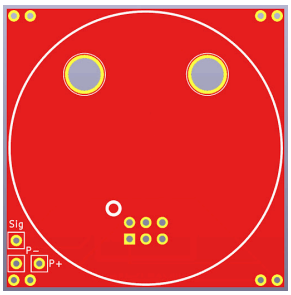
BOARD/LED TYPE:



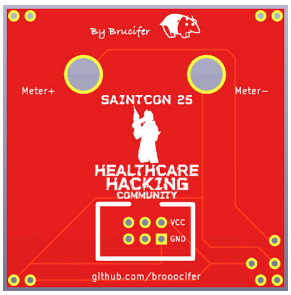
PARTS USED:

1x 1206 SMD LED
1x 1206 SMD resistor

FRONT



BACK



AWARD MINIBADGE

Health Care Hacking Community Prize Badge

Designed By: Brucifer

A 2x2-sized minibadge with an analog meter and a pulse sensor, to measure your pulse from your wrist or a finger. The pulse sensor (https://pulsesensor.com) can also be used with an Arduino. Includes a DEFCON SAO adapter and wrist sweatband.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

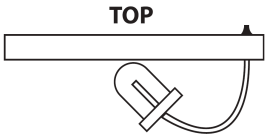
HOW DO I GET ONE?

Compete in the Health Care Hacking Community Contest, and earn a Top 20 score.

ASSEMBLY INSTRUCTIONS:

- Solder SAO socket to back of the PCB, lining up the socket notch with the silkscreen line & gap.
- Solder the Male header pins to the back of the PCB
- Solder the Female header sockets to the front of the PCB
- Bold the SO-45 meter to the front of the PCB. One flat washer per meter bolt is placed on the front of the PCB, one flat washer, then lock washer, then the nut per meter bolt on the back of the PCB.
- Connect the pulse sensor to the badge with header wires: Sig => S, P+ => +, and P- => -
- To use: plug the badge into the SaintCon badge, minibadge extender, 10x10 (via lower right pins only) or a DEFCON badge (via SAO) to power up. Place the sensor above the artery in your wrist, underneath the wrist sweatband (to block out external light)

BOARD/LED TYPE:



PARTS USED:

Full parts list, photos, gerber files, and instructions at:
https://github.com/brooocifer/SaintCon-2025/

BOARD HOUSE USED:

JLCPCB

FRONT

AWARD MINIBADGE

MiniBadge Community Bingo MiniBadge

Designed By: distinctm1nd

Can you collect them all? See us at our space to get a Bingo Card. Find and collect Minibadges throughout the con to get bingo and get a prize! Be one of the first 3 to get blackout and a special prize will be awarded.

BACK

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

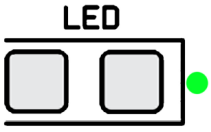
HOW DO I GET ONE?

Even if you're not one of the first 3, Get Bingo and earn a MiniBadge while supplies last!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

AWARD MINIBADGE

MiniBadge Community Bingo BLACKOUT MiniBadge

Designed By: distinctm1nd

Can you collect them all? See us at our space to get a Bingo Card. Find and collect Minibadges throughout the con to get bingo and get a prize! Be one of the first 3 to get blackout and a special prize will be awarded.

BACK

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

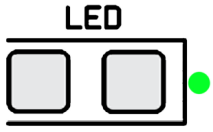
GET BLACKOUT!!!

Even if you're not one of the first 3, get Bingo and earn a MiniBadge while supplies last!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

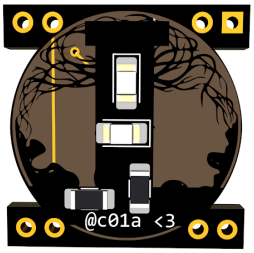
PERSONAL MINIBADGE

The Beast (OTGW)

Designed By: @c01a

Over the Garden Wall minibadge!

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

HOW DO I GET ONE?

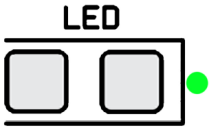
Trade with me or tell me a rock fact! (Limited quantities available)

ASSEMBLY INSTRUCTIONS:

- Vertical LED (one behind the eyes) is the yellow LED
- Vertical Resistor is 47ohm
- Horizontal LED is the white one
- Horizontal LED is 15ohm

More info at https://c0la.org/Blog/SAINTCON+Minibadge+Build+Guides
or contact me on discord!

BOARD/LED TYPE:



PARTS USED:

4 x pairs of header pins
1 x minibadge
1 x 1206 white smd LED
1 x 15ohm 1206 resistor
1 x 1206 yellow smd LED
1 x 47ohm 1206 resistor

Assembly:

FRONT

BACK

PERSONAL MINIBADGE

Willy Wonka 2 - The Electric Boogaloo

Designed By: 1R15H

One year late but still great! Grab a Willy Wonka themed badge today!

DIFFICULTY:

BEGINNER

RARITY:

RARE

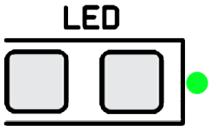
HOW DO I GET ONE?

Come find 1R15H (6'5'' ginger) and grab one to start your mini badge collection!

ASSEMBLY INSTRUCTIONS:

Solder resistor and LED in corresponding positions.

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

OSH Park

FRONT

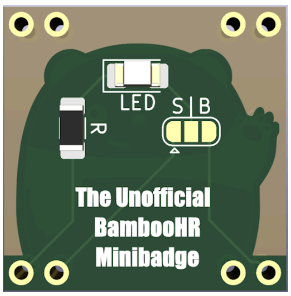
PERSONAL MINIBADGE

Pudgy

Designed By: 1R15H

Celebrating the cutest mascot of the Utah tech scene! This is not an official badge, please don't sue me BambooHR.

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

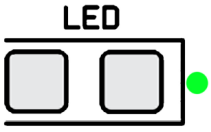
HOW DO I GET ONE?

Find 1R15H (6'5'' ginger) and trade!

ASSEMBLY INSTRUCTIONS:

Solder the corresponding resistor and LED. Solder the center pad and the S pad together for a solid LED glow. Solder the center pad and the B pad together for a blinking LED.

BOARD/LED TYPE:

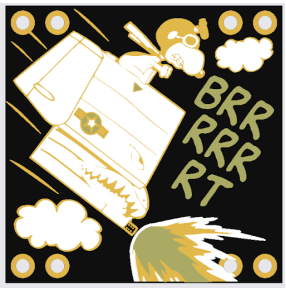


PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT



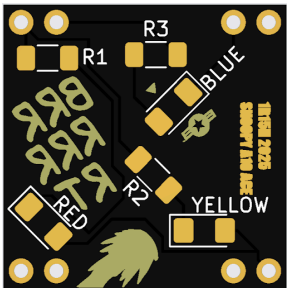
PERSONAL MINIBADGE

Snoopy A10 Ace

Designed By: 1R15H

Snoopy is bringing the firepower in his new A10 warthog.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

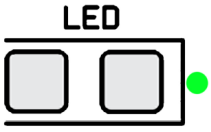
HOW DO I GET ONE?

Find 1R15H (6'5'' ginger) and trade!

ASSEMBLY INSTRUCTIONS:

Solder the corresponding resistors and LEDs onto the minibadge, paying attention to the LED colors. R1 and R2 are 65 ohms, R3 is 15 ohms.
For best results, use a glue gun to cover the red LED and BRRRT letters, the blue LED and the star/triangle, and the yellow LED and the gun fire. The glue helps diffuse the light.

BOARD/LED TYPE:

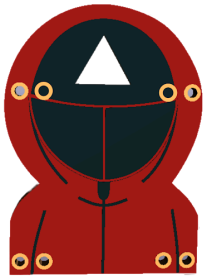


PARTS USED:

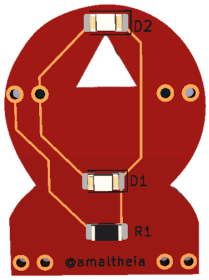
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Squid Game Guard

Designed By: Amaltheia

Let the games begin. All can play but only one can win. Those who lose will be eliminated..... or not :)

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

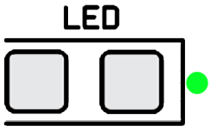
HOW DO I GET ONE?

Find me and challenge me to a game (e.g. rock paper scissors, tic tac toe, gonggi, etc). Win or lose you can get a badge.

ASSEMBLY INSTRUCTIONS:

Begin on the back side first. Solder the LEDs first, using the single-pad method for hand soldering. Solder the resistor next using the same single-pad method for hand soldering. Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

FRONT

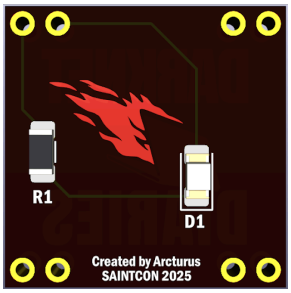
PERSONAL MINIBADGE

Darknet Diaries

Designed By: Arcturus

Black board with a transparent flame in the center mirroring the Darknet Diaries logo. I got permission from the host of the podcast to create this minibadge and share it with the attendees of Saintcon 2025!

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

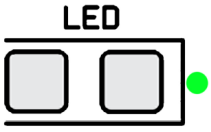
HOW DO I GET ONE?

Trade with me! I am volunteering with the Briefs community.

ASSEMBLY INSTRUCTIONS:

1) Solder on the resistor
2) Solder on the red LED
3) Solder the pins to the corners of the minibadge and plug in to your badge!

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK

PERSONAL MINIBADGE

Princess Donut

Designed By: atticus

OMG! What a Mini Badge: Thank you for joining the Princess Donut Mini Badge club—the one and only OFFICIAL collectible for true members of the Posse. I've heard whispers about an off-brand group calling themselves the "Donut Holes," Eww. I am GC, BWR, NW Princess Donut the Queen Anne Chonk, and this badge is your proof of loyalty.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

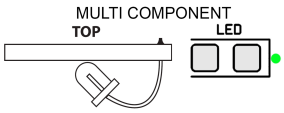
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the through-hole LED to the D1 SMD pad
   a. Point the LED towards the bottom of the badge
   b. The short leg goes inside the box
   c. Bend the LED upwards so the LED shows in the no solder mask area
   d. Trim excess legs
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

3mm RGB Multicolor Fast Blinking LED (1), 1206 RESISTOR 75 OHM (1), Male Header Pins (4), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

PERSONAL MINIBADGE

Big Boy Pants

Designed By: atticus

Look at me. I'm underwear. But not just any underwear—legendary-tier, crawler-tested, monster-approved Big Boi Pants™.

BACK

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

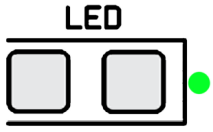
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

1206 LED (red - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (8), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

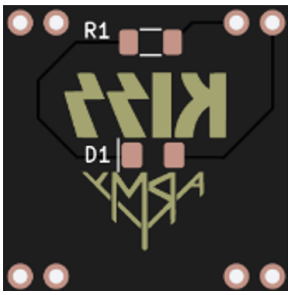
PERSONAL MINIBADGE

Kiss Army

Designed By: bitl!sa

I grew up listening Kiss music (pre Unmasked), and I know many of you did too.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

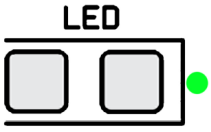
HOW DO I GET ONE?

Trade with me or ask for one and tell me your favorite Kiss song.

ASSEMBLY INSTRUCTIONS:

Begin on the back side first.
- Solder the LED using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

PERSONAL MINIBADGE

Be a Tool (Minibadge) Rebel!

Designed By: BP / klipper

Wera. That iconic grip. The unmistakable green. Grabbing one of these bad boys makes you feel that everything is going to turn out just fine!

Whether you participate in their advent calendar, are just getting started, or consider yourself a true connoisseur of the screwdriver.... wear this badge with pride knowing that your screwdrivers are better....or at least more expensive...than others.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

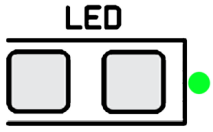
HOW DO I GET ONE?

Come find me and trade! I'll be helping with badge team around the con

ASSEMBLY INSTRUCTIONS:

Silkscreen is accurate

BOARD/LED TYPE:



PARTS USED:

FRONT

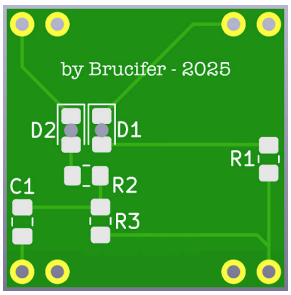
PERSONAL MINIBADGE

Brucifer 2025

Designed By: Brucifer

This may be the last year of the winking tapir, because I'm moving to Boston. Get one of these if you're wicked smaht!

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

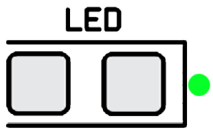
HOW DO I GET ONE?

Trade, social engineer, or just ask. Find me at the Health Care Hacking Community.

ASSEMBLY INSTRUCTIONS:

- Solder the D1 and D2 amber LEDs upside down (so the LEDs shine through the holes toward the front), with the cathode toward the top of the mini-badge, using the single-pad method for hand soldering.
- Solder the R1 & R2 resistors (1K ohm, labelled "1001"), using the single-pad method for hand soldering.
- Solder the R3 resistor (10K ohm, labelled "103"), using the single-pad method for hand soldering.
- Solder the C1 capacitor, using the single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

- (x2) LED Amber 0805 SMD - https://www.digikey.com/short/53c5z9p3
- (x2) Resistor 1K 1/8W 0805 - https://www.digikey.com/short/0t4db1z4
- (x1) Resistor 10K 5% 1/8W 0805 - https://www.digikey.com/short/z28z9rn9
- (x1) Capacitor 22UF 4V X6S 0805 - https://www.digikey.com/short/jr5h088t
- (x2) Connector Header THT 4 position 0.100" (2.54mm) - https://www.digikey.com/short/zt2j39r4

BOARD HOUSE USED:

JLCPCB

FRONT

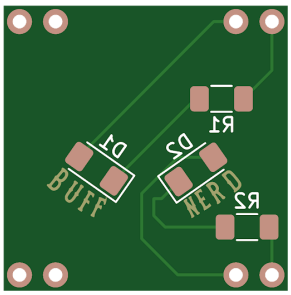
PERSONAL MINIBADGE

BUFFNERD

Designed By: BUFFNERD

This minibadge is a mixture of myself and my favorite comic book character (HULK). BUFFNERD describes how not only do I love to play sports and lift, but I also am a massive nerd

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

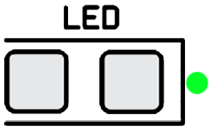
HOW DO I GET ONE?

Trade with me, or give me your best Hulk impersonation

ASSEMBLY INSTRUCTIONS:

- Solder each resistor to R1 & R2
- Solder each LED to D1 & D2
-- Consider side mounting the LED to shine brighter through the text cutouts on his knuckles

BOARD/LED TYPE:

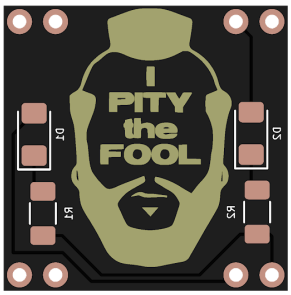


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



I Pity the Fool

Designed By: BUFFNERD

This minibadge is to pay homage to one of the greatest tv/movie characters of all time!

DIFFICULTY:

BEGINNER

RARITY:

RARE

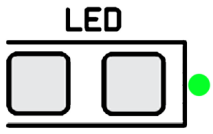
HOW DO I GET ONE?

Trade with me, or give me your best "I Pity the Fool" impression

ASSEMBLY INSTRUCTIONS:

- Solder each resistor to R1 & R2
- Solder each LED to D1 & D2
-- Consider side mounting the LED to have the light shine inwards or use hot glue

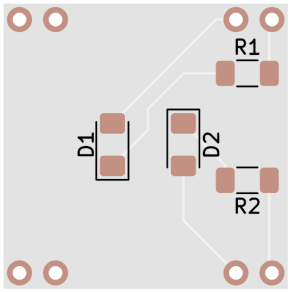
BOARD/LED TYPE:



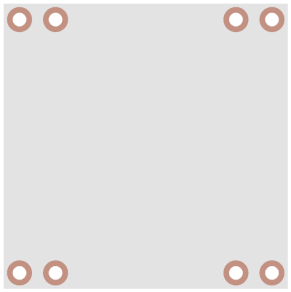
PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK



Tesseract

Designed By: BUFFNERD & Minus

The most powerful cube in the universe now in the palm of your hand

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

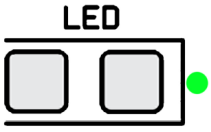
HOW DO I GET ONE?

Trade with either of us

ASSEMBLY INSTRUCTIONS:

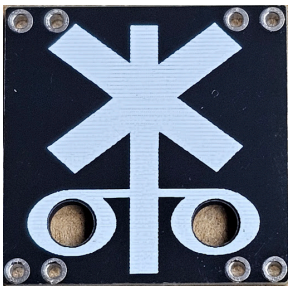
- Solder a resistor to R1 & R2
- Solder a LED to D1 & D2
-- Consider hot gluing over the LEDs to defuse the light (make sure not to get glue too close to the edge of the PCB
- Solder to header pins - MAKE SURE LEDs ARE ON TOP
- Attach 3D printed cube by aligning the tabs that stick out of the bottom of the cube on the sides of the PCB that have components near the edge. Attach one side at a time to avoid clips from breaking
-- One attached it is extremely difficult to remove without breaking the tabs
**After you turn your off your board check out the glittery glow in the dark filament to truly see the real Tesseract!!!

BOARD/LED TYPE:

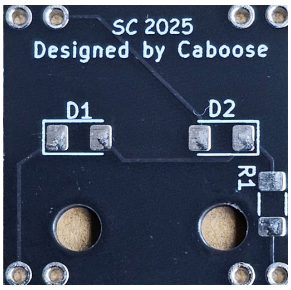


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Railroad Crossbuck

Designed By: Caboose

A small railroad crossbuck with alternating lights. Liking things relates to railroads I figured this would be a fitting minibadge.

DIFFICULTY:

BEGINNER

RARITY:

RARE

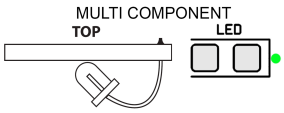
HOW DO I GET ONE?

Trade or Ask me

ASSEMBLY INSTRUCTIONS:

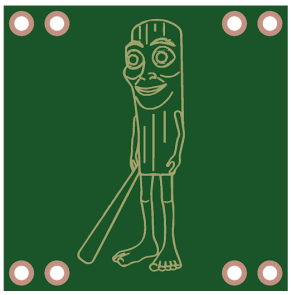
Put the leds through the holes, cut the legs down to line up with the pads and solder the legs and the resistor to the corresponding pads.

BOARD/LED TYPE:

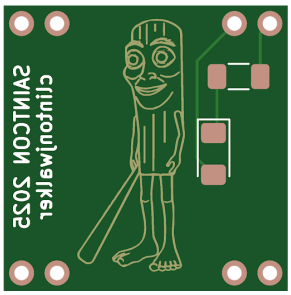


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Tung Tung Tung Sahur

Designed By: clintonjwalker

Tung Tung Tung Tung Tung Tung Tung Tung Tung Sahur is a popular meme character in the Italian Brainrot community. Italian Brainrot characters are AI generated images of surreal, somewhat nonsensical cartoonish creatures with funny names. This is part of the current popular humor of Generation Alpha, which has a strong mix of absurdism and post-ironic tone. Sometimes the humor from the generation can be confusing since it may include saying random words or numbers, and they might not even know what it means. It doesn't really matter what Tung Tung Tung Sahur is, all that matters is skibidi toilet six seven or whatever.

DIFFICULTY:

BEGINNER

RARITY:

RARE

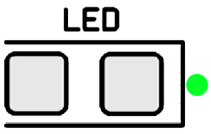
HOW DO I GET ONE?

Trade/Ask/Discord (jetbrainspleasesponsorme)

ASSEMBLY INSTRUCTIONS:

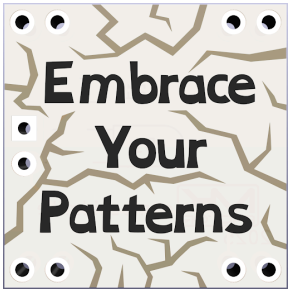
Use single pad method to solder on surface mount components.
Attach 1206 SMD Resistor to the pads with the two lines.
Attach 1206 SMD LED to the pads with the box, green facing the inside of the box.
I strongly suggest adding a layer of hot glue across the back to improve the lightning on this one.

BOARD/LED TYPE:

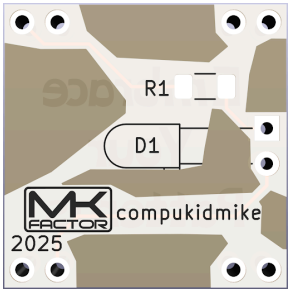


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Embrace Your Patterns

Designed By: compukidmike

If you watched Kpop Demon Hunters and any of the songs resonated with you, I'm sorry for the trauma you've been through. If you haven't seen it, go watch it now! This movie is all about loving yourself rather than letting shame control you. We all have "patterns" and we shouldn't hide them because they're part of who we are.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

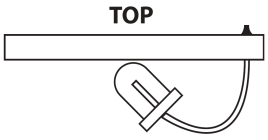
HOW DO I GET ONE?

Come find me at badgelife!

ASSEMBLY INSTRUCTIONS:

Solder the LED to the bottom of the board and bend it around to point at the back of the board. Then let that beautiful pink glow wash over you and illuminate your patterns.

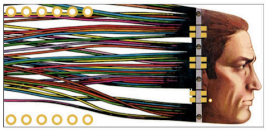
BOARD/LED TYPE:



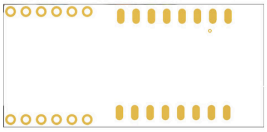
PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK



TerminalMan

Designed By: crax3513

Wanted to squeeze an ESP32 onto a minibadge to allow people to interact with it. Needed to make a 2x width size badge to fit an esp32-c3 mini. Setups a soft AP to allow a wifi connection to the badge(default AP: TMAN_AP PW: SAINTCON) that can then be accessed in a browser at 192.168.4.1 that will pull up a webpage containing a terminal that allows you to type commands to do things like set and change colors of LEDs and other led animations.

DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

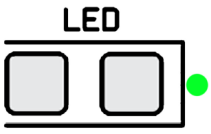
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the 3x 2020 LEDs to the front. GND is the lower left corner in the 4 pad set for each LED. LED will have a green stripe or mark on the bottom which should go on the GND side. Next, solder the ESP32-C3 onto the pads on the underside of the board with the USB port of the ESP32 closest to the badge pins(USB port towards the left side of the board when looking at the bottom). Finally solder the two 6 pin pieces to the badge. Optional: Peel off cover and attach heatsink to ESP chip.

BOARD/LED TYPE:

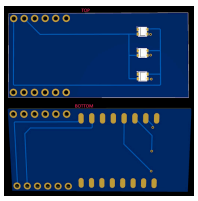


PARTS USED:

BOARD HOUSE USED:

JLCPCB

Assembly:



FRONT

PERSONAL MINIBADGE

DS_Bonfire

Designed By: Crimzn_C0mmit

This badge is inspired by the bonfire from Dark Souls, which features flickering flames and a coiled sword. Come rest at the bonfire and find solace in the reminder to never go hollow. My budget was a little tight this year so I had to go with a through hole LED and resistor, but it is still a stunning badge. Remember no matter how hard life gets, don't you dare go hollow.

BACK

DIFFICULTY:

BEGINNER

RARITY:

RARE

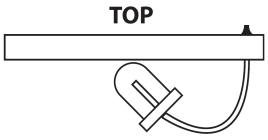
HOW DO I GET ONE?

Trades or bribes are preferable, but I can be social engineered if you ask nicely enough.

ASSEMBLY INSTRUCTIONS:

Solder in the 8 post pins, then solder resistor (may have to bend a little weird), solder the short pin of LED to the square and the long to the circle, and bend LED to position it behind the fire. Clip and lengths that are too long.

BOARD/LED TYPE:



PARTS USED:

https://a.co/d/0WPxGyj

PART OF SET:

No

BOARD HOUSE USED:

JLC PCB

FRONT

PERSONAL MINIBADGE

Micro 1337

Designed By: cybderm3n

Set of microbages to obtain 1337 to be placed on the 2x4 micro display badge.

BACK

DIFFICULTY:

INTERMEDIATE

HOW DO I GET ONE?

Ask and/or Trade with me

RARITY:

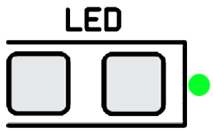
RARE

ASSEMBLY INSTRUCTIONS:

Detailed Instructions will be found here: https://github.com/cyberm3n-org/SC_2025/hacker1337

General Instructions:
1. Solder LED
2. Solder Resistor
3. Prep PINs and solder PINs
4. Place the microbadges in the 2x4 microdisplay badge ordered as 1-3-3-7

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

PART OF SET:

Micro 1337 4 of 4

FRONT

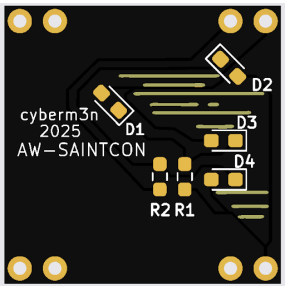
PERSONAL MINIBADGE

5K Fun Run

Designed By: cyberm3n

Time to get outside (or on the treadmill); walk and/or run 5k, make sure to track your experience, to get one.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

HOW DO I GET ONE?

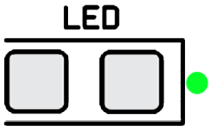
Find someone wearing a "5K Fun Run" shirt, provide "evidence" of your 5K experience. Stop by the Arctic Wolf booth, provide "evidence of your 5K experience

ASSEMBLY INSTRUCTIONS:

Detailed instructions can be found here: https://github.com/cyberm3n-org/SC_2025/fun_run

Like most badges, open components and solder them to the board. Being careful not to lose any components.

BOARD/LED TYPE:



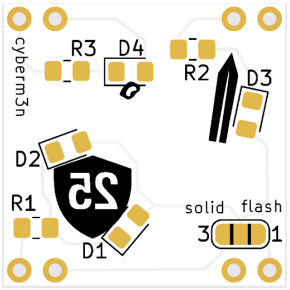
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

I AM ARCTICUS

Designed By: cyberm3n

Arcticus is a warrior that operates as a member of "purple" teams; both defending and attacking were needed to ensure that all is protected and well.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

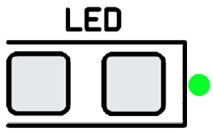
Find me, during the conference (or after my presentation)
Ask me
Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed instructions can be found here: https://github.com/cyberm3n-org/SC_2025/arcticus

Basic Instructions:
1. Solder LEDs and Resistors
2. Solder PINs to board
3. [OPTIONAL] Add hot glue over LEDs

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:
JLCPCB

FRONT

BACK

PERSONAL MINIBADGE

For Awareness

Designed By: cyberm3n

While we focus on mainly of the different causes and campaigns that occur during the month of October; this is to celebrate those that have survived breast cancer, those that are currently fighting, and for those of us that are closely affected by it.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

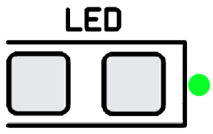
Ask and/or Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/awareness

General Instructions:
1. Solder LEDs as indicated
2. Solder Resistors
3. Solder PINs

BOARD/LED TYPE:



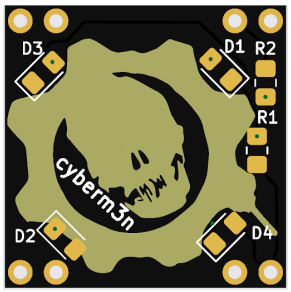
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Gear or War

Designed By: cyberm3n

Throw back to the Gears of War gaming era.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

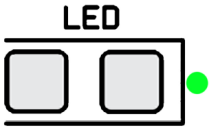
Ask and/or Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed instructions to be here: https://github.com/cyberm3n-org/SC_2025/gear_of_war

General Instructions
1. Solder red LEDs
2. Solder Resistors
3. Solder PINs
4. [OPTIONAL] Add hot glue over the LEDs to get better defuse the light and better shine through.

BOARD/LED TYPE:

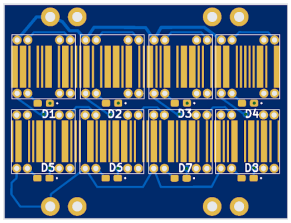


PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT



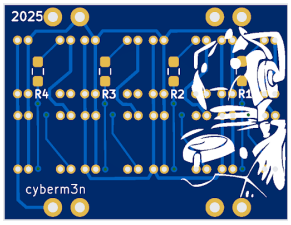
PERSONAL MINIBADGE

2x4 Microbadge Display

Designed By: cyberm3n

A slightly oversized Minibadge that houses 8 microbadge.

BACK



DIFFICULTY:

INTERMEDIATE

HOW DO I GET ONE?

Ask and/or Trade

RARITY:

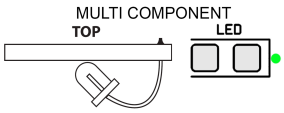
RARE

ASSEMBLY INSTRUCTIONS:

Detailed instruction to be found here: https://github.com/cyberm3n-org/SC_2025/hacker1337

General Instructions:
1. Solder LEDs to front of the board (ensure that they are straight)
2. Solder Resistors to back of the board
3. Prep the micro socket headers (removing PINs & cutting headers, to align with the board)
4. Solder micro socket headers
5. Solder regular PINs to minibadge

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

PERSONAL MINIBADGE

Micro Hacker

Designed By: cyberm3n

4 Microbadges the utilize a periodic table style to spell out hacker. It is intended to be placed on the 2x4 Microdisplay badge.

BACK

DIFFICULTY:

INTERMEDIATE

HOW DO I GET ONE?

Ask and/or Trade with me

RARITY:

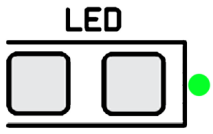
SUPER RARE

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/hacker1337

General Instructions:
1. Solder LED
2. Solder Resistor
3. Prep PINs and Solder
4. Place in 2x4 display, ordered H-ac-k-er

BOARD/LED TYPE:



PARTS USED:

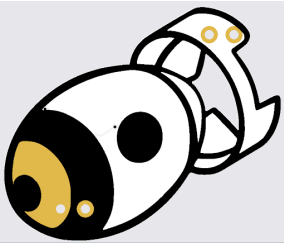
BOARD HOUSE USED:

JLCPCB

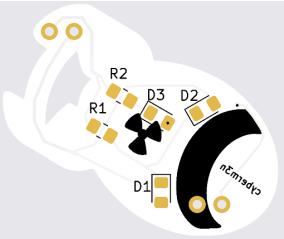
PART OF SET:

Micro Hacker 4 of 4

FRONT



BACK



PERSONAL MINIBADGE

Nuke-IT

Designed By: cyberm3n

Fallout "Fat Man" nuke, when you just need to blow something up.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

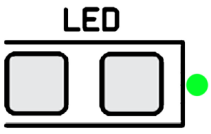
Ask and/or Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/nuke

General:
1. Solder LEDs where indicated
2. Solder Resistors
3. Solder PINs

BOARD/LED TYPE:

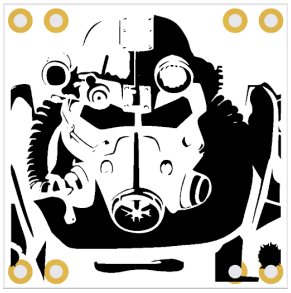


PARTS USED:

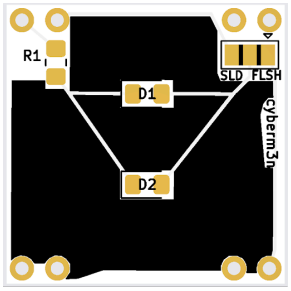
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Helmet of Power

Designed By: cyberm3n

Tribute to the T-60 power armor found in the Fallout universe. Gonna need it after you use that "Fat Man" nuke.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

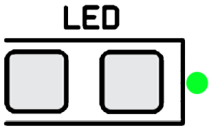
Ask and/or Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/power_helmet

General:
1. Solder LEDs
2. Solder Resistor
3. Solder PINs

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

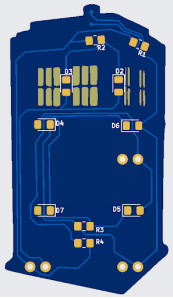
PERSONAL MINIBADGE

Time and Relative Dimension in Space (TARDIS - Bad Wolf)

Designed By: cyberm3n

Continuation from last years Dr. Who inspired badges. Just like the Tardis, this badge has gone through several changes and alterations. While not being the RGB 20+ component badge that she started out as, still a great addition to last years Dr. Who badges.

BACK



DIFFICULTY:

BEGINNER

HOW DO I GET ONE?

Ask and/or Trade me

RARITY:

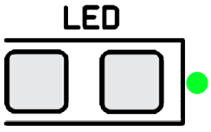
RARE

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/police_box

General Instructions:
1. Solder back components first
   a. LEDs
   b. Resistors
2. Solder PINs
3. Solder LED on front

BOARD/LED TYPE:



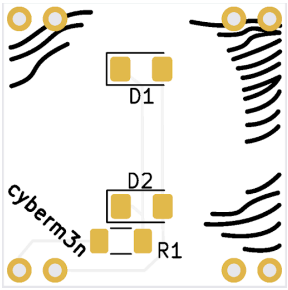
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Mira | KDH

Designed By: cyberm3n and dd_trouble

1 of 3, designed for my daughters for family night.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

Be at Family Night -> find my daughter(s) and ask/trade

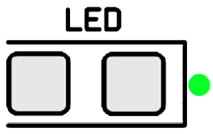
Limited quantity during normal conference -> Ask/Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instruction found here: https://github.com/cyberm3n-org/SC_2025/k_pop

General Instructions:
1. Solder LEDs
2. Solder Resistor
3. Solder PINs

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

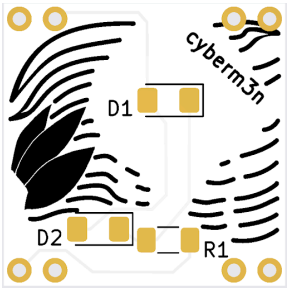
JLCPCB

PART OF SET:

K-Pop Girls 1 of 3

FRONT

BACK



PERSONAL MINIBADGE

Zoe | KDH

Designed By: cyberm3n and dd_trouble

Zoe of the K-Pop Demon Hunters, part of the daughter's family night badges.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

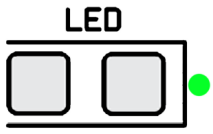
Be at Family Night -> find my daughter(s) and ask/trade
Limited quantity during normal conference -> Ask/Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/k_pop

General Instructions:
1. Solder LEDs
2. Solder Resistors
3. Solder PINs

BOARD/LED TYPE:



PARTS USED:

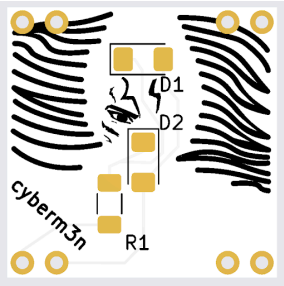
BOARD HOUSE USED:
JLCPCB

PART OF SET:

K-Pop Girls 2 of 3

FRONT

BACK



PERSONAL MINIBADGE

Rumi | KDH

Designed By: cyberm3n and dd_trouble

Rumi of the K-Pop Girls collection for daughters family night badges.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

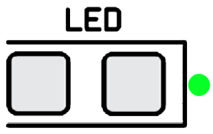
Be at Family Night -> find my daughter(s) and ask/trade
Limited quantity during normal conference -> Ask/Trade with me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions found here: https://github.com/cyberm3n-org/SC_2025/k_pop

General Instructions:
1. Solder LEDs
2. Solder Resistor
3. Solder PINs

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

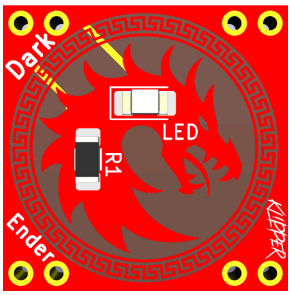
PART OF SET:

K-Pop Girls 3 of 3

PERSONAL MINIBADGE

FRONT

BACK



Phoenix Army

Designed By: DarkEnder and klipper

Once the laughing stock of Battle School, Phoenix army quickly rose to notoriety under the leadership of a rising star.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

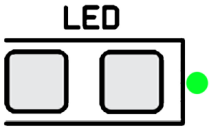
HOW DO I GET ONE?

Come find me and trade!

ASSEMBLY INSTRUCTIONS:

Follow the silkscreen!

BOARD/LED TYPE:

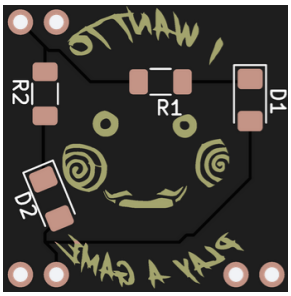


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



Jigsaw 2025

Designed By: DirtyBird11

Do you want to play a game? This is a continuation of the Jigsaw series. I may have other Jigsaws from previous years to trade

DIFFICULTY:

BEGINNER

RARITY:

RARE

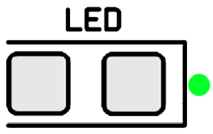
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

Simply add solder the leds to their corresponding positions

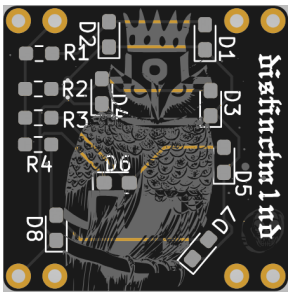
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Owl King

Designed By: distinctm1nd

You clicked the link didn't you?? Stolas is perched on your windowsill..

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

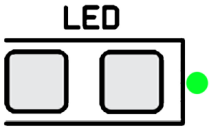
HOW DO I GET ONE?

Trade with me..

ASSEMBLY INSTRUCTIONS:

Solder the LEDs. There will be a mix of red and yellow. You can arrange them how you would like. Solder the resistors. Solder the header pins.

BOARD/LED TYPE:

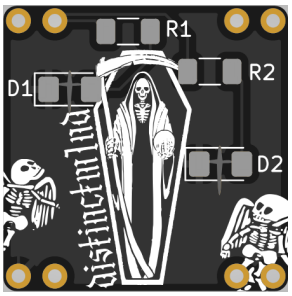


PARTS USED:

8 LEDs (0603)
4 Resistors (0603, 68 ohm)
4 Male Headers (2.54mm, 1x2 pins)
PCB

FRONT

BACK



PERSONAL MINIBADGE

Santa Muerte

Designed By: distinctm1nd

"Santa Muerte is the court of last resort. She does not fail. She does what must be done."
-Alexandra Sokoloff (Cold Moon (The Huntress/FBI Thrillers, #3))

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

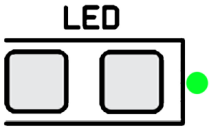
HOW DO I GET ONE?

Trade with me..

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

BACK

PERSONAL MINIBADGE

Mothman is My Guardian Angel

Designed By: distinctm1nd

Mothman is real...

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

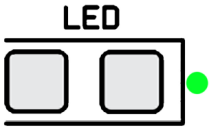
HOW DO I GET ONE?

Trade with me...

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

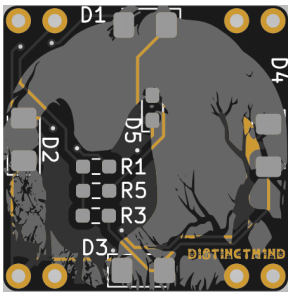
PERSONAL MINIBADGE

Beware the Poultrygeist

Designed By: distinctm1nd

Night of the chicken dead..

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

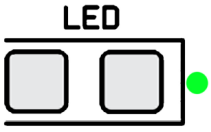
HOW DO I GET ONE?

Trade with me..

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.
- Optionally cover back with hot glue for better diffusion.

BOARD/LED TYPE:



PARTS USED:

1206 LED, 0603 LED
0603 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

BACK

PERSONAL MINIBADGE

American Gothic

Designed By: distinctm1nd

American gothic minibadge.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

HOW DO I GET ONE?

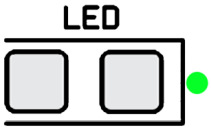
Trade with me..

ASSEMBLY INSTRUCTIONS:

This minibadge has two parts. Solder each part according the instructions and then solder the add-on board to the main board with the headers. I recommend making sure that that both boards work before soldering them together.

- Begin on the back side of each board first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:

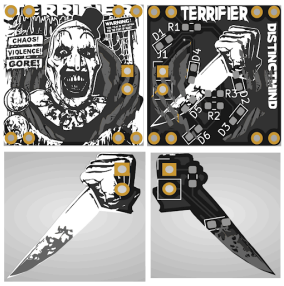


PARTS USED:

0603 LED
0603 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

BACK



PERSONAL MINIBADGE

Art the Clown Minibadge

Designed By: distinctm1nd

Everyone needs a little Art the Clown in their lives..

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

HOW DO I GET ONE?

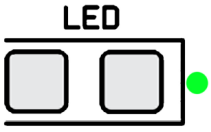
Trade with me..

ASSEMBLY INSTRUCTIONS:

This is a two part minibadge. Assemble both pieces via the instructions and then solder them together with the header. I recommend verifying that both boards work before soldering them together.

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:

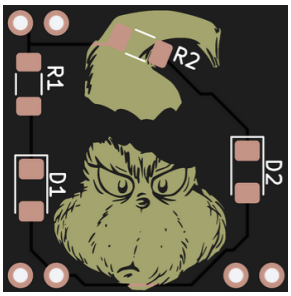


PARTS USED:

0603 LED
0603 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT

BACK



PERSONAL MINIBADGE

Christmas Grinch

Designed By: Dr.Seuss

Christmas grinch with a copper hat and green leds for the glow.

DIFFICULTY:

BEGINNER

RARITY:

RARE

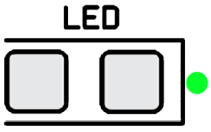
HOW DO I GET ONE?

Trade - Come see me at the Blue team booth

ASSEMBLY INSTRUCTIONS:

Simply add solder the leds to their corresponding positions

BOARD/LED TYPE:

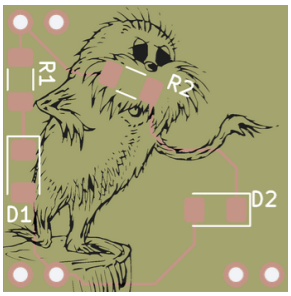


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



The Lorax

Designed By: Dr.Seuss

The Lorax from Dr.Seuss. This badge features shiny copper and an orange glow.

DIFFICULTY:

BEGINNER

RARITY:

RARE

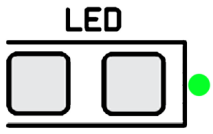
HOW DO I GET ONE?

Trade - Come see me at the Blue team booth

ASSEMBLY INSTRUCTIONS:

Simply add solder the leds to their corresponding positions

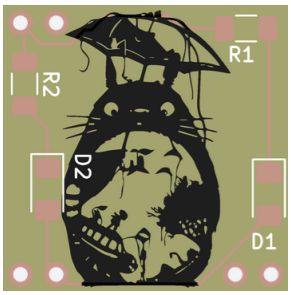
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Totoro

Designed By: Dr.Seuss

Totoro is a furry forest spirit from the Studio Ghibli film "My Neighbor Totoro". He's an imaginary, good-natured creature that embodies nature's spirit

DIFFICULTY:

BEGINNER

RARITY:

RARE

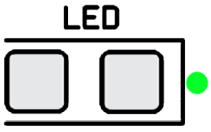
HOW DO I GET ONE?

Trade - Come see me at the Blue team booth

ASSEMBLY INSTRUCTIONS:

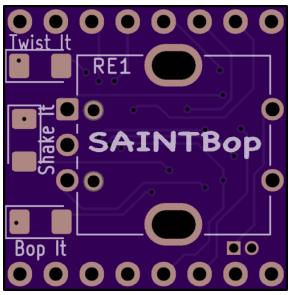
Simply solder the leds to their corresponding positions

BOARD/LED TYPE:

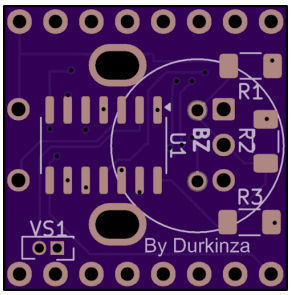


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

SaintBop

Designed By: Durkinza

It's a game about bopping a button, shaking a badge, and sometimes twisting a knob in a MiniBadge!
I wanted to build a minibadge that was functional and continues off of the new series of MiniGame MiniBadges.
The badge keeps your high score and has a few additional features like a light show mode.

DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

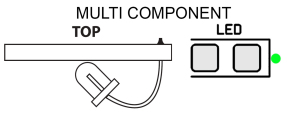
HOW DO I GET ONE?

Find Durkinza at the conference and ask to trade.

ASSEMBLY INSTRUCTIONS:

Soldering instructions are available at https://zanedurk.in/solderng-the-saintbop-mini-badge/
This time with pictures!

BOARD/LED TYPE:



PARTS USED:

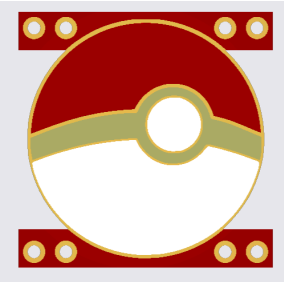
BOM will be available at
https://github.com/durkinza/SaintBop-Minibadge

BOARD HOUSE USED:

JLBPCB & OshPark

Assembly:

FRONT



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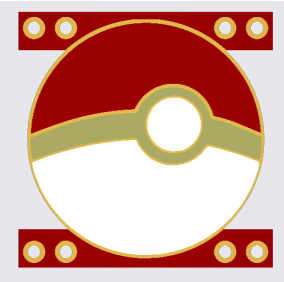


PERSONAL MINIBADGE

Pokeball

Designed By: G4T0R4D3

Basic pokeball!

DIFFICULTY:

BEGINNER

RARITY:

RARE

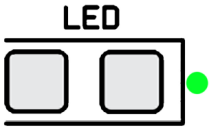
HOW DO I GET ONE?

Find G4T0R4DE or 1R15H and trade!

ASSEMBLY INSTRUCTIONS:

Solder the corresponding resistor and LED to the board.

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

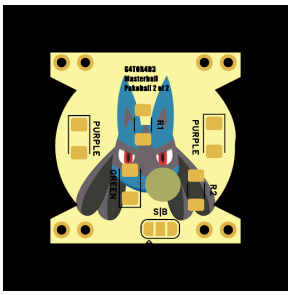
PERSONAL MINIBADGE

Masterball

Designed By: G4T0R4D3

Rare masterball!

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

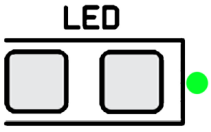
HOW DO I GET ONE?

The Masterball is a rare hit (10% chance) in the Pokeball set! Find G4TOR4D3 or 1R15H1 to trade for the pokeball mini badge.
1 in 10 trades will have both the pokeball minibadge and masterball minibadge in the bag.

ASSEMBLY INSTRUCTIONS:

Solder corresponding resistors and LEDs, paying attention to the purple vs green LEDs. Solder the center pad and S pad together for a solid green light in the center of the masterball. Solder the center pad and the B pad together for a blinking green light.

BOARD/LED TYPE:



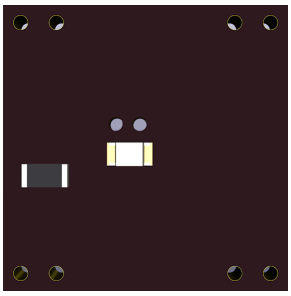
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Raw Logging

Designed By: Geenomepops

The Raw Logging badge is a nod to one of the most fundamental parts of threat hunting, diving into the un-parsed logs straight from the source. The lumberjack represents the hands-on work of cutting through the noise and uncovering truth in the data. When a hunt gets deep in the woods and you're looking at raw logs, sometimes line-by-line, you're "raw logging" it.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

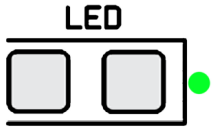
HOW DO I GET ONE?

Trade with me (I will often be wearing a REKCAH hat)

ASSEMBLY INSTRUCTIONS:

Solder Diode
Solder Resistor
Solder Headers

BOARD/LED TYPE:



PARTS USED:

1 Minibadge
1 × 1206 LED
1 × 1206 Resistor
1 × 8-pin header strip

BOARD HOUSE USED:

JLCPCB — 2-layer FR4, 1.6 mm, black solder mask, whit

PART OF SET:

No

FRONT

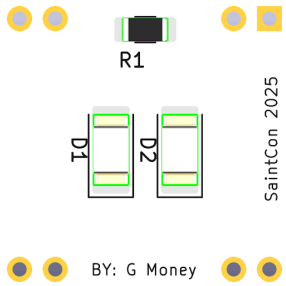
PERSONAL MINIBADGE

Meta Knight

Designed By: GMoney

Whenever I played Kirby with my son, I always enjoyed playing as Meta Knight! Black version available as well.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

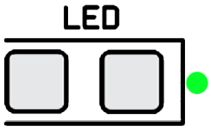
HOW DO I GET ONE?

Preferably trade, or just find me.

ASSEMBLY INSTRUCTIONS:

Solder the Resistor(s) using the single-pad method for hand soldering.
Solder the LED(s), using the single-pad method for hand soldering.
Solder the 4x 2-Position headers.

BOARD/LED TYPE:



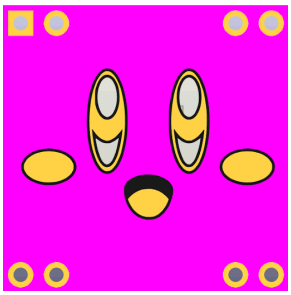
PARTS USED:

BOARD HOUSE USED:

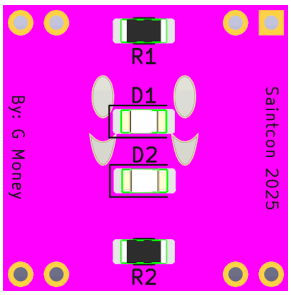
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



Kirby

Designed By: GMoney

My son loves Kirby and this was my attempt to get him to start designing his own minibadges. The jury is still out...

DIFFICULTY:

BEGINNER

RARITY:

RARE

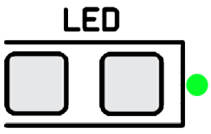
HOW DO I GET ONE?

Trade preferably, or just come find me.

ASSEMBLY INSTRUCTIONS:

Solder the Resistors using the single-pad method for hand soldering.
Solder the LEDs(White on top, blue on bottom) using the single-pad method for hand soldering.
Solder the 4x 2-Position headers.

BOARD/LED TYPE:

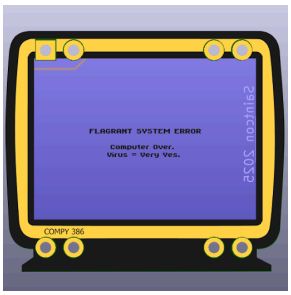


PARTS USED:

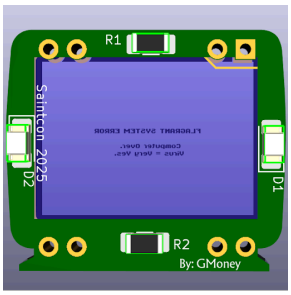
BOARD HOUSE USED:

PCBBUY

FRONT



BACK



PERSONAL MINIBADGE

Compy 386

Designed By: GMoney

Always loved watching all of StrongBad's emails, so I wanted to create a badge that I felt tied into SaintCon.

DIFFICULTY:

BEGINNER

RARITY:

RARE

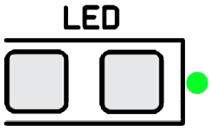
HOW DO I GET ONE?

Trade preferably, or just come find me.

ASSEMBLY INSTRUCTIONS:

Solder the Resistors using the single-pad method for hand soldering.
Solder the LEDs using the single-pad method for hand soldering.
Solder the 4x 2-Position headers.

BOARD/LED TYPE:

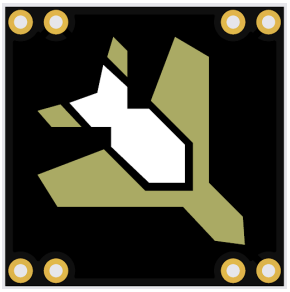


PARTS USED:

BOARD HOUSE USED:

PCBBUY

FRONT



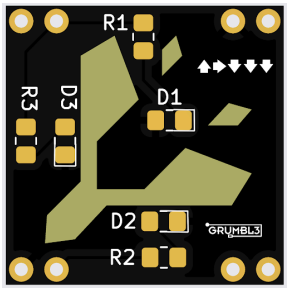
PERSONAL MINIBADGE

500KG

Designed By: grumbl3

Up. Right. Down. Down. Down.
Eagle One, never misses.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

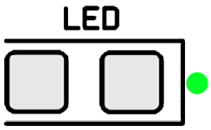
HOW DO I GET ONE?

Come find and trade with me! Just ask for grumble.

ASSEMBLY INSTRUCTIONS:

Green dot/mark fits in the white "cup" outlining one side of the diode spots (D1, D2, etc), while the resistors can be placed in any orientation.

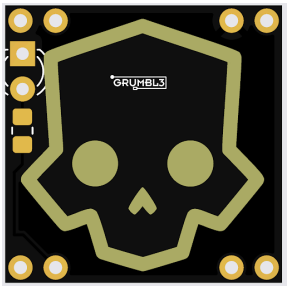
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Helldiver Skull

Designed By: grumbl3

PRIVATE: Are... are we the baddies?
DEMOCRACY OFFICER: Up against the bulkhead.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

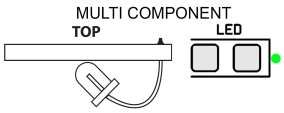
HOW DO I GET ONE?

Come and find me and trade! Ask around for grumble!

ASSEMBLY INSTRUCTIONS:

Give the 3mm as much slack as you can. For the best lighting results (outside of the hot glue trick) you don't want the LED pressed up against back of the badge. Play around with it! Don't forget to match the orientation to the footprint on the board. Feel the LED for a flat spot that should match up to it!

BOARD/LED TYPE:

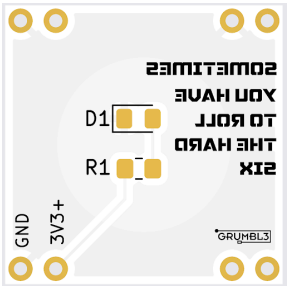


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



Admiral Adama

Designed By: grumbl3

The old man, himself.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

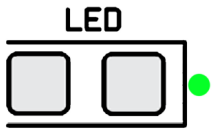
HOW DO I GET ONE?

Come and find me and trade! Ask around for grumble!

ASSEMBLY INSTRUCTIONS:

Just follow the footprints on the back and match green dot to the bottom of the "white cup".

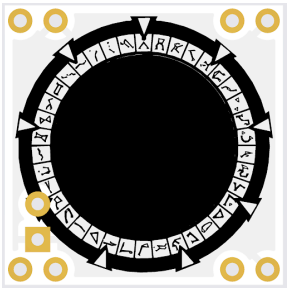
BOARD/LED TYPE:



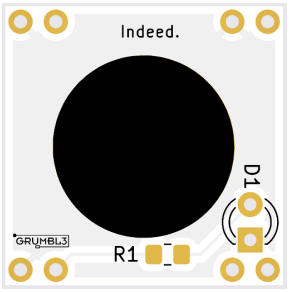
PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK



Stargate

Designed By: grumbl3

Tried to capture the glow and ripple of the event horizon. I think I'll improve this for next year. If your LED is flickering, you did it right!

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

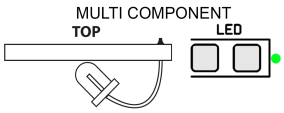
HOW DO I GET ONE?

Come find and trade! Ask around for grumble.

ASSEMBLY INSTRUCTIONS:

If your LED is flickering, you did it right!

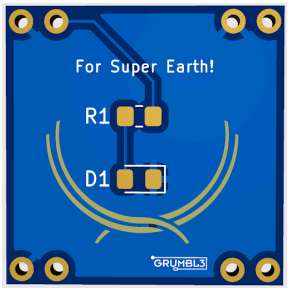
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Super Earth Flag

Designed By: grumbl3

For Super Earth!

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

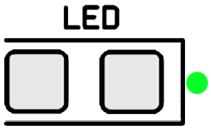
HOW DO I GET ONE?

Come find and trade with me! Ask around for grumble!

ASSEMBLY INSTRUCTIONS:

Match green dot to the cup for the LEDs.

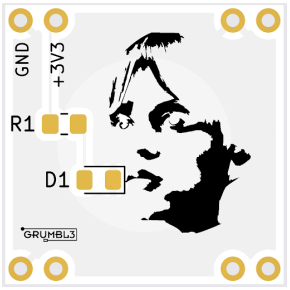
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Wednesday Adams

Designed By: grumbl3

I'll wear a different color as soon as they discover a color darker than black. - Wednesday Adams, Cyber Security Professional

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

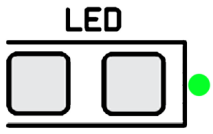
HOW DO I GET ONE?

Come find and trade!

ASSEMBLY INSTRUCTIONS:

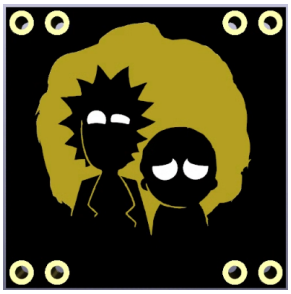
green dot to cup!

BOARD/LED TYPE:

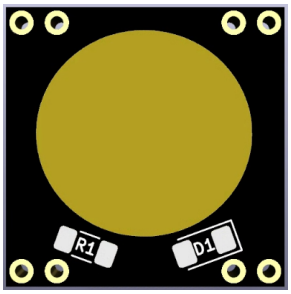


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Rick & Morty

Designed By: H

Rick and Morty standing in front of a pulsing portal.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

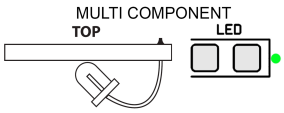
HOW DO I GET ONE?

Trade with me or just ask for one, I made them to share with anyone that wants one!

ASSEMBLY INSTRUCTIONS:

One resistor goes to R1. The LED positive is the long lead of the through hole. The design is to surface mount the LED on D1 by bending the leads so the LED faces the back of the badge. Hot Glue helps direct more light into the back of the badge.

BOARD/LED TYPE:



PARTS USED:

https://lighthouseleds.com/3mm-green-breathing-fading-led-super-bright.html
https://www.amazon.com/dp/B07QDL29HB

FRONT

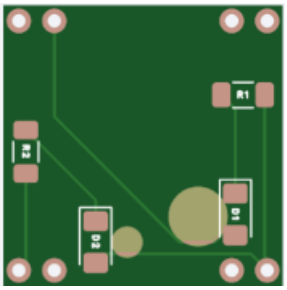
PERSONAL MINIBADGE

Sneetches

Designed By: hollyhacker

Iinspired by Dr. Seuss's Sneetches and their tale of stars appearing and disappearing under the watchful eye of Mr. McMonkey McBean. In a playful nod to this "on again, off again" story, the design reflects the unpredictable nature of tariffs and trade decisions this year—sometimes on, sometimes off, much like the Sneetches' stars.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

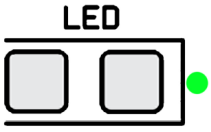
HOW DO I GET ONE?

Find the big flashing hat and ask me for one. I can also be reached on discord to coordinate trades.

ASSEMBLY INSTRUCTIONS:

Standard pad soldering. Solder resistors to R markings and led's to D markings . Hotglue can enhance the lighting of this badge

BOARD/LED TYPE:



PARTS USED:

100ohm 1206 Resistors , 1206 Green LED

BOARD HOUSE USED:

JLCPCB

FRONT

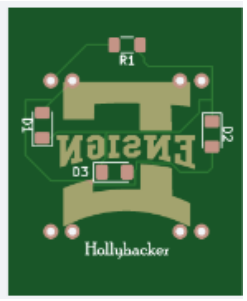
PERSONAL MINIBADGE

Ensign Emblem

Designed By: hollyhacker

This MiniBadge features the Ensign College emblem—an enduring symbol of learning, faith, and growth. Inspired by the logo that hangs outside my classroom, it serves as a daily reminder to keep exploring, questioning, and improving. Just as Ensign College encourages continual learning and innovation, this badge captures that same spirit in PCB form—a small tribute to the pursuit of knowledge that never stops.

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

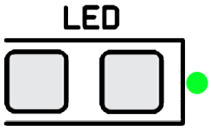
HOW DO I GET ONE?

Find the big flashing hat or arrange trade over discord

ASSEMBLY INSTRUCTIONS:

standard solder pad method

BOARD/LED TYPE:



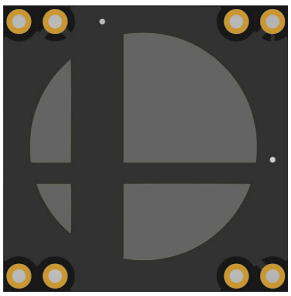
PARTS USED:

1206 LED , 1206 Resistor

BOARD HOUSE USED:

JLCPCB

FRONT



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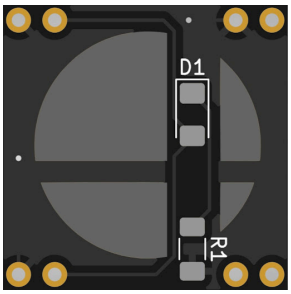


PERSONAL MINIBADGE

Smash Ball

Designed By: Hyper Shot

I am a big fan of the game Super Smash Bros. Ultimate and the whole series. So i made the logo of the franchise into a minibadge. I felt that many people who either enjoy the game or may have nostalgia for it may be interested in this minibadge.

DIFFICULTY:

BEGINNER

RARITY:

RARE

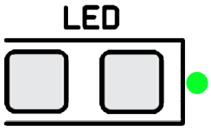
HOW DO I GET ONE?

Either trading with me or asking for it and I'll give it for free.

ASSEMBLY INSTRUCTIONS:

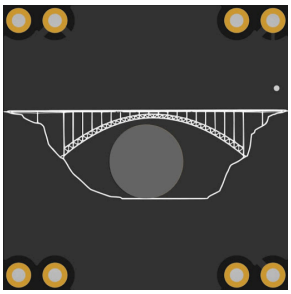
- Begin on the back side first.
- Solder the LED, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with artwork facing out.

BOARD/LED TYPE:



PARTS USED:

FRONT



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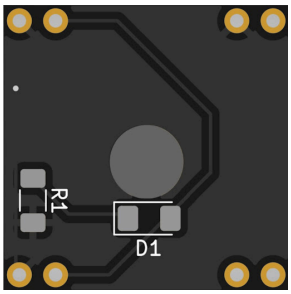


PERSONAL MINIBADGE

Perrine Bridge

Designed By: Hyper Shot

The Perrine Bridge is one of the main landmarks where I live in Twin Falls Idaho. I've always thought it looked cool and beautiful so I made it into a minibadge. People who may live here as well or know about the bridge might want it.

DIFFICULTY:

BEGINNER

RARITY:

RARE

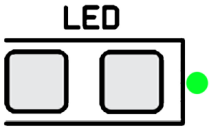
HOW DO I GET ONE?

You can either trade with me or ask and I'll give for free.

ASSEMBLY INSTRUCTIONS:

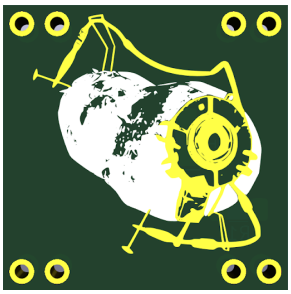
- Begin on the back side first.
- Solder the LED, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the bridge and sun facing out.

BOARD/LED TYPE:

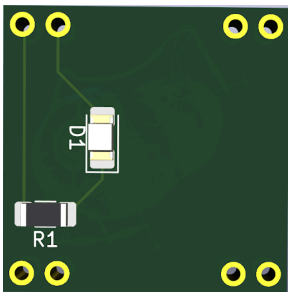


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Potato Glados

Designed By: Josh Jolley

Potato Glados from Portal 2

DIFFICULTY:

BEGINNER

RARITY:

RARE

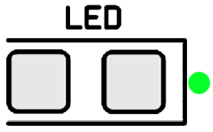
HOW DO I GET ONE?

I love collecting cool badges, so I'm happy to trade for cool ones!

ASSEMBLY INSTRUCTIONS:

Assembly is fairly standard. There are 8 pins, 1 SMD LED, and 1 SMD resistor

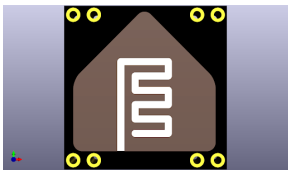
BOARD/LED TYPE:



PARTS USED:

Badge, 1206_SMD_LED, 1206_SMD_resistor, 8 pins

FRONT



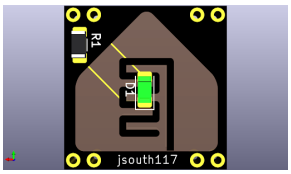
PERSONAL MINIBADGE

ESPHome Badge

Designed By: jsouth117

Following my Home Assistant mini badge last year is another important tool in my home automation - ESPHome. This mini badge is inspired by the logo. Unfortunately, this mini badge does not run ESPHome code... maybe next year?

BACK



DIFFICULTY:

BEGINNER

HOW DO I GET ONE?

Trade with me

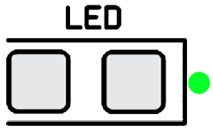
RARITY:

RARE

ASSEMBLY INSTRUCTIONS:

Solder the resistor to R1 and the led to D1 (I would recommend putting the led in upside down for a brighter glow). Solder the pin headers. Optional - Add hot glue to the back over the led to diffuse the light.

BOARD/LED TYPE:



PARTS USED:

SMD resistor
SMD blue LED

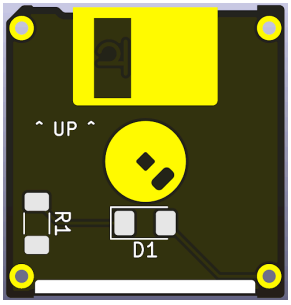
BOARD HOUSE USED:

JLBPCB

PERSONAL MINIBADGE

FRONT

BACK



Berly Old Skool MiniBadge

Designed By: Jup1t3r

3.5-inch floppy disk: because in the '90s, 1.44 megabytes was all you needed to change the world—or at least save 1 dos game, or 3 bmp images.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

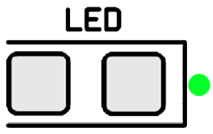
HOW DO I GET ONE?

Come FInd Berly at the Con!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

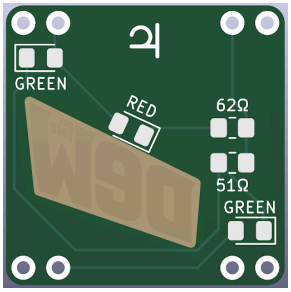
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Jup1t3r MiniBadge

Designed By: Jup1t3r

Mountain Dew: the sacred elixir that turns sleep-deprived IT folks into caffeine-powered problem-solving wizards

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

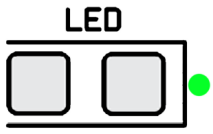
HOW DO I GET ONE?

Come Find Jup1t3r.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



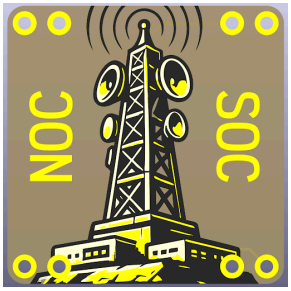
PARTS USED:

0805 LED
0805 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT



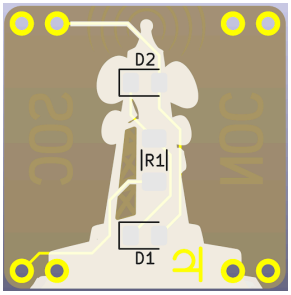
PERSONAL MINIBADGE

Noc/Soc

Designed By: Jup1t3r

NOC/SOC: A magical land where packets roam free, alerts multiply overnight, and Mountain Dew is the official incident response plan.

BACK



DIFFICULTY:

BEGINNER

RARITY:

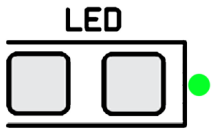
UNCOMMON

HOW DO I GET ONE?

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

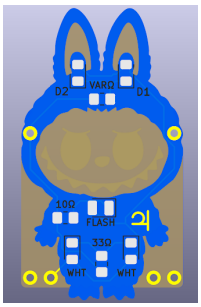
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

LABUBU

Designed By: Jup1t3r

LABUBU lives in the SOC, feeding on unresolved tickets and expired SSL certs. It hasn't slept since the last patch cycle — and honestly, neither have we

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

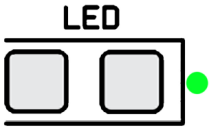
HOW DO I GET ONE?

Find Jup1t3r.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

Assembly:

FRONT

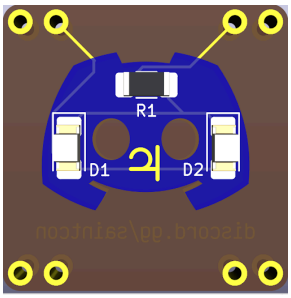
PERSONAL MINIBADGE

SAINTCON Discord Channel

Designed By: Jup1t3r

The SAINTCON Discord is where the conference energy lives year-round — a buzzing hub for hackers, builders, and security nerds to swap ideas, share projects, and stay connected long after the con ends

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

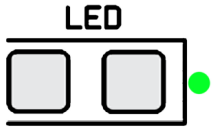
HOW DO I GET ONE?

Find Jup1t3r.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



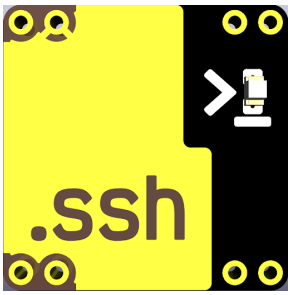
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT



PERSONAL MINIBADGE

SSH MiniBadge

Designed By: Jup1t3r

SSH: because sometimes you just need to break into your own machines… but, like, securely.

BACK

DIFFICULTY:

BEGINNER

RARITY:

RARE

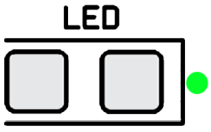
HOW DO I GET ONE?

Find Jup1t3r.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



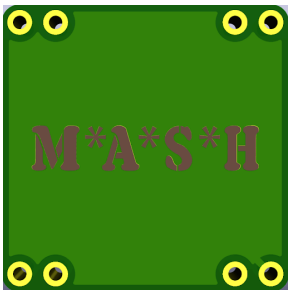
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT



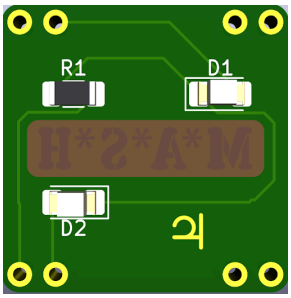
PERSONAL MINIBADGE

M*A*S*H (TV series)

Designed By: Jup1t3r

Laughter really is the best medicine, especially when your hospital is held together by sarcasm and duct tape. Just like our SOC.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

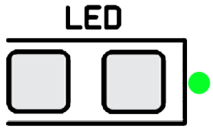
HOW DO I GET ONE?

Find Jup1t3r

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

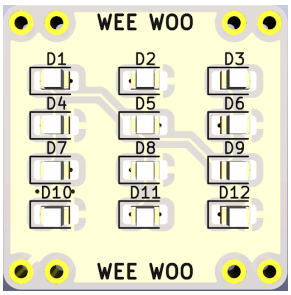
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

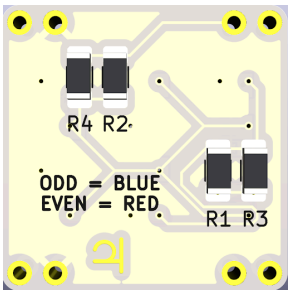
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



WeeWoo2

Designed By: Jup1t3r

WEEWOO WEEWOO! 🚨 Something's on fire — probably not literally, but we're checking just in case.

DIFFICULTY:

ADVANCED

RARITY:

RARE

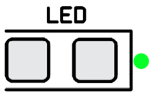
HOW DO I GET ONE?

Find Jup1t3r

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

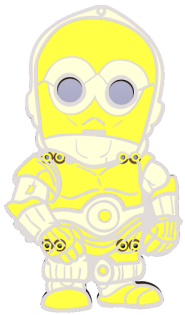
BOARD/LED TYPE:



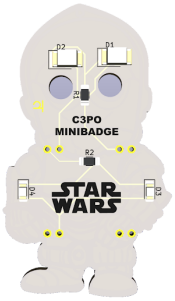
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

FRONT



BACK



PERSONAL MINIBADGE

C3p0 MiniBadge

Designed By: Jup1t3r

Another one for the STAR WARS Series.

DIFFICULTY:

BEGINNER

RARITY:

RARE

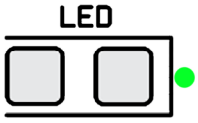
HOW DO I GET ONE?

Find Jup1t3r

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

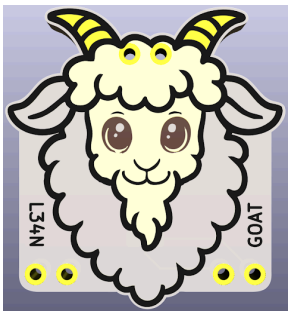
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

PART OF SET:

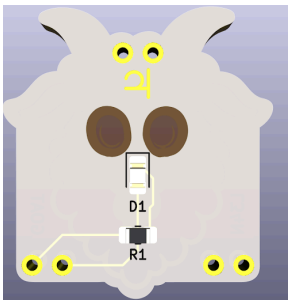
1 Of Many

Assembly:

FRONT



BACK



PERSONAL MINIBADGE

Goat Sheep MiniBadge

Designed By: Jup1t3r

Goat Sheep

DIFFICULTY:

BEGINNER

RARITY:

RARE

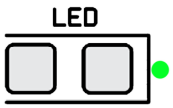
HOW DO I GET ONE?

Go Find L34n!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

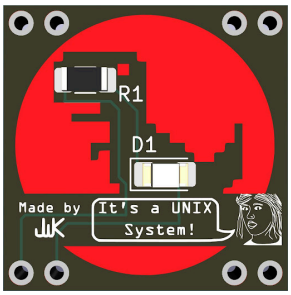
PERSONAL MINIBADGE

Jurassic Park - No Internet

Designed By: jwk

65 million years ago, dinosaurs ruled the earth. However, modern technology has revealed the most feared of these, the Google Dino (googlis-nointerneticus).

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

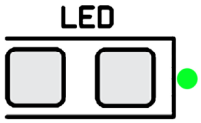
HOW DO I GET ONE?

Trade with my buddy G-Money.

ASSEMBLY INSTRUCTIONS:

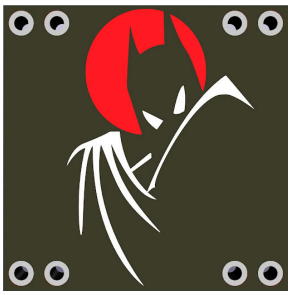
Place the diode in D1 with the bottom of the T pointing into the box, or with the green dot on the inside of the box. Place the resistor on the pads either direction. For best results, cover the unmasked section of the badge (the red part of the Jurassic Park logo) with hot glue to diffuse the light from the LED.

BOARD/LED TYPE:

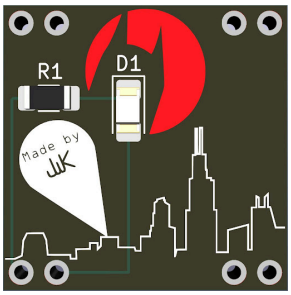


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Batman - The Animated Series

Designed By: jwk

A minibadge from the best screen adaptation of Batman yet, in my humble opinion. The show was instrumental in forming me into the geek that I am today.

DIFFICULTY:

BEGINNER

RARITY:

RARE

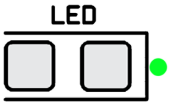
HOW DO I GET ONE?

Trade with my buddy The Quacking Rogue.

ASSEMBLY INSTRUCTIONS:

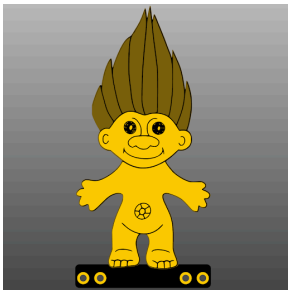
Place the diode in D1 with the bottom of the T pointing into the box, or with the green dot on the inside of the box. Place the resistor on the pads either direction. For best results, cover the unmasked section of the badge (the moon around Batman's head) with hot glue to diffuse the light from the LED.

BOARD/LED TYPE:

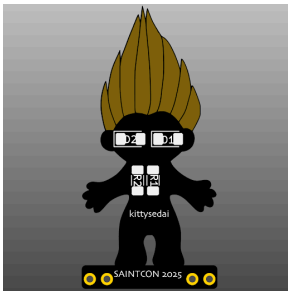


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Troll

Designed By: kittysedai

Inspired by the unstoppable 90's troll phenomenon, this badge brings back the days when life's biggest decisions were which Lisa Frank sticker to use on your trapper keeper and whether to rub your troll's belly gem before a test. Back then, these little icons were everywhere, on pencils, in lunchboxes, and taped inside lockers, and now, thanks to SaintCon and a soldering iron, you can build your own and relive a bit of that magic. Just be warned… once assembled, you might catch yourself rubbing its belly for good luck.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

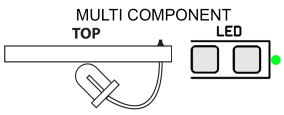
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the through-hole LEDs to the D1 & D2 SMD pads
   a. Point the LEDs towards the top of the badge
   b. The short leg goes inside the box
   c. Place the LEDs upwards so the LEDs shows in the no solder mask area
   d. Trim excess legs
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

3mm RGB Multicolor Fast Blinking LED (2), 1206 RESISTOR 75 OHM (2), Male Header Pins (4), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPBC

FRONT

PERSONAL MINIBADGE

New Achievement

Designed By: kittysedai

Inspired by the hilariously chaotic world of Dungeon Crawler Carl, this minibadge celebrates the moment you earn your place among the crafty (and slightly unhinged). You get it by conquering the trials of soldering, wrangling header pins, chasing down rogue resistors, and sticking LEDs in the right way without burning yourself.

BACK

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

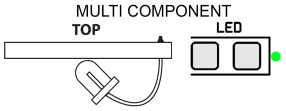
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the through-hole LED to the D1 SMD pad
   a. Point the LED towards the bottom of the badge
   b. The short leg goes inside the box
   c. Bend the LED upwards so the LED shows in the no solder mask area
   d. Trim excess legs
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

3mm RGB Multicolor Fast Blinking LED (1), 1206 RESISTOR 75 OHM (1), Male Header Pins (8), FR-4 PCB Board (1)

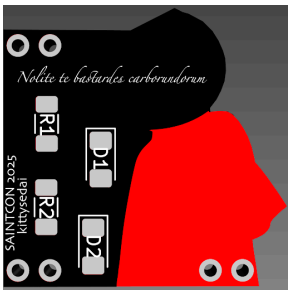
BOARD HOUSE USED:

JLCPCB

PERSONAL MINIBADGE

FRONT

BACK



Handmaid

Designed By: kittysedai

In Gilead, silence is survival but resistance speaks in symbols. This minibadge captures the stark silhouette of a Handmaid, instantly recognizable to those who know the story, with the quiet rebellion revealed on the back: Nolite te bastardes carborundorum. Designed as a tribute to the resilience and defiance at the heart of The Handmaid's Tale and a reminder that even in the most controlled worlds, there are those who refuse to be broken.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

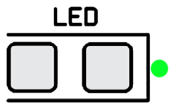
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

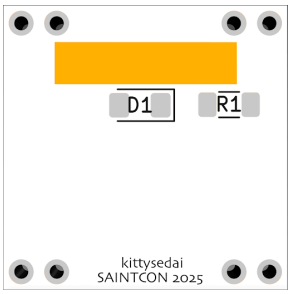
1206 LED (red - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (6), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Tariff Penguin

Designed By: kittysedai

This is the most expensive penguin you'll ever solder, not because he's rare, but because a 25% tariff on imported PCBs jacked up his cost. Supposedly, China paid for it, right? Funny… my invoice didn't seem to get that memo. Badge designed as a lighthearted protest against the kind of policy that makes a hobby project feel like luxury goods. Sure, penguins are built for harsh conditions, but even they would waddle away from this kind of markup.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

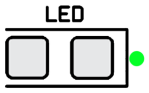
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

1206 LED (orange - 1), 1206 RESISTOR 75 OHM (1), Male Header Pins (8), FR-4 PCB Board (1)

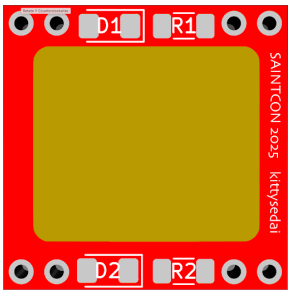
BOARD HOUSE USED:

JLCPCB

PERSONAL MINIBADGE

FRONT

BACK



Etch A Sketch

Designed By: kittysedai

Before iPads and drawing apps, there was the Etch A Sketch, the ultimate combination of creativity, frustration, and accidental abstract art. This minibadge was made as a tribute to the red-framed classic, with "SAINTCON" permanently etched so it can't be ruined by an accidental shake. It's a nostalgic nod to the days when making a straight diagonal line felt like a major life achievement, and the only "undo" button was starting over from scratch.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

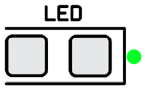
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



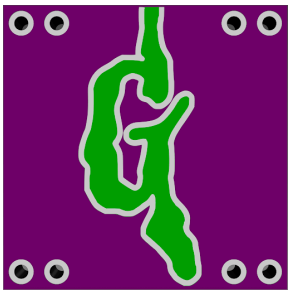
PARTS USED:

1206 LED (white - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (8), FR-4 PCB Board (1)

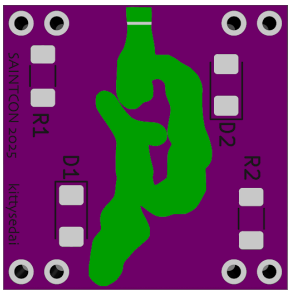
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Goosebumps

Designed By: kittysedai

If you grew up in the 90s, you didn't just read Goosebumps books, you felt them. That weird, raised, rubbery lettering on the covers was an instant thrill, hinting at the spooky twists waiting inside. This minibadge is tribute to those flashlight-under-the-blanket nights, when you swore you weren't scared but kept glancing at the shadows anyway. It captures the spirit of the series, a little eerie, a little fun, and guaranteed to spark that "just one more chapter" feeling.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

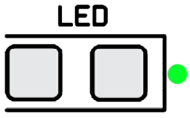
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

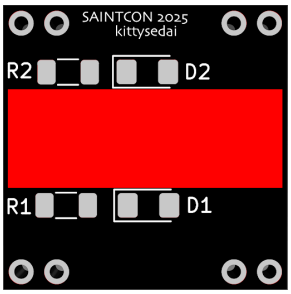
1206 LED (green - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (8), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

D.A.R.E

Designed By: kittysedai

If you grew up in Utah in the 80s or 90s, you probably remember the day a uniformed police officer came to your classroom to talk about staying drug-free and the proud moment you got your very own D.A.R.E. ribbon. For a week, that ribbon was the ultimate badge of honor, pinned to your shirt like proof you'd joined an elite force against "the stuff" (even if you weren't totally sure what "the stuff" was). This minibadge is a throwback to that time, when saying no was simple and the ribbon made you feel invincible.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

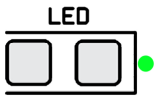
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



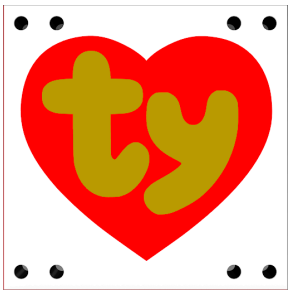
PARTS USED:

1206 LED (red - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (8), FR-4 PCB Board (1)

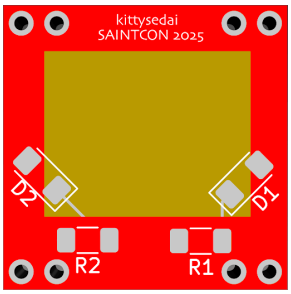
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

TY

Designed By: kittysedai

If you lived through the 90s, you know this heart and you probably still have a few (or a hundred) Beanie Babies stashed in a bin somewhere "because they'll be worth something someday." Back then, the TY heart meant you weren't just buying a stuffed animal, you were making an investment (or so we told ourselves). Now it's just a fun piece of history, immortalized in PCB form, no plastic tag protector required.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

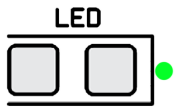
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

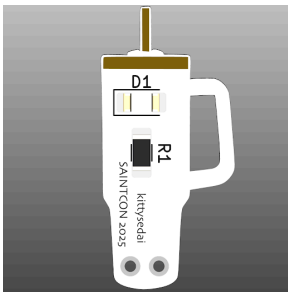
1206 LED (white - 2), 1206 RESISTOR 75 OHM (2), Male Header Pins (8), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Mini Stanley

Designed By: kittysedai / atticus

Last year's badge featured the full-size Stanley tumbler in all its glory, this year, it's gone fun-size. This minibadge was designed as a nod to the drinkware that somehow became both a hydration tool and a cultural phenomenon. Whether you actually use yours for water or for a suspicious amount of Diet Coke, this tiny version keeps the tradition going without the risk of denting your toes if you drop it. Perfect for those who believe no outfit (or badge) is complete without a Stanley.

Collect all 4! For purple and white see kittysedai, for black or blue see atticus

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

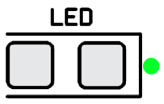
HOW DO I GET ONE?

Trade with me or ask for one

ASSEMBLY INSTRUCTIONS:

1. Solder the LED(s) using the single-pad method for hand soldering.
2. Solder the resistor(s) using the single-pad method for hand soldering.
3. Solder the Pin Headers to the Badge.

BOARD/LED TYPE:



PARTS USED:

1206 LED (white - 1), 1206 RESISTOR 75 OHM (1), Male Header Pins (4), FR-4 PCB Board (1)

BOARD HOUSE USED:

JLCPCB

FRONT

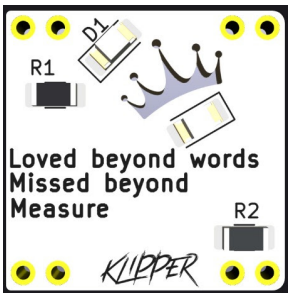
PERSONAL MINIBADGE

Our Queen of I-15

Designed By: klipper

A loving tribute to our Queen of I-15. May her image spark joy as it did to the millions of drivers up and down the Wasatch Front.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

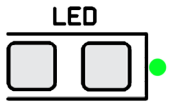
HOW DO I GET ONE?

Come find me and trade, or hand me a Sugar Free Redbull...or ask nicely....or tell me your favorite red tool.....OR GIVE ME A PACKOUT, OH YES THAT ONE!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

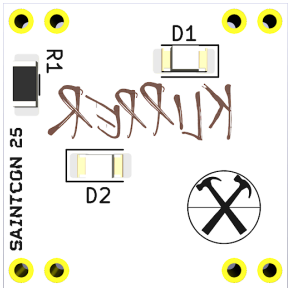
PERSONAL MINIBADGE

The (fire)Wall

Designed By: klipper

Hello?
Is there anybody in there?
Just nod if you can hear me.
Is there anyone at home?

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

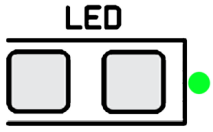
HOW DO I GET ONE?

Come find me and trade, bribes of Sugar Free Redbulls or Packouts, Ask Nicely, etc.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

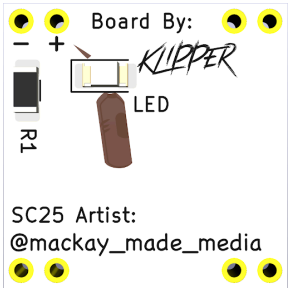
1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Torchy The Trash Panda

Designed By: klipper / mackay_made_media

This was the favorite character that our fabulous artist @mackay_made_media drew for SAINTCON 25. I created the MiniBadge so she could meet some of you fine folk and participate in the joy that is MiniBadge trading. Introduce yourself and make her feel welcome!

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

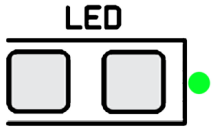
HOW DO I GET ONE?

Come say hi and trade with me! This is my first time at SAINTCON and am excited to be here!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



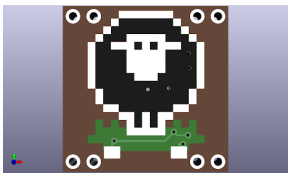
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

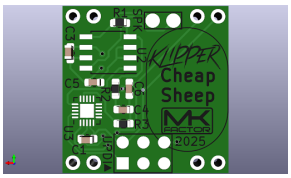
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Cheap Sheep

Designed By: klipper / MKFactor / l34n

Cheap Sheeeeeep! Get your Cheap Sheep here! Cheeeap Sheep! Get 'em while they're cheap!

You likely know this story...now re-live it with your own Cheap Sheep minibadge!

DIFFICULTY:

STUPID HARD

RARITY:

SUPER RARE

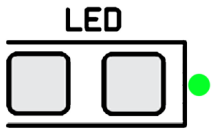
HOW DO I GET ONE?

Pretty limited number. Come baaah at l34n....or something .... honestly I don't know if he knows we're making these. lol

ASSEMBLY INSTRUCTIONS:

It's coming assembled because sheep don't have opposable digits.

BOARD/LED TYPE:



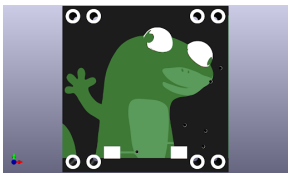
PARTS USED:

Stuff and things

PART OF SET:

klipper +
MKFactor Audio
Joy 2 of 2

FRONT



BACK

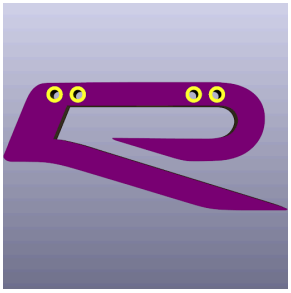
PERSONAL MINIBADGE

Lizard!

Designed By: klipper / mkfactor / odie

Lizard, Lizard, Lizard,

FRONT



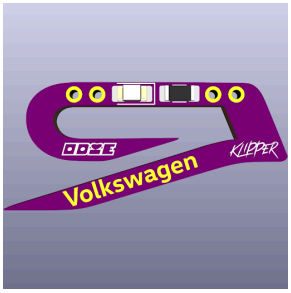
PERSONAL MINIBADGE

Fahrvergnügen

Designed By: klipper and odie

Dedicated to fahrvergnügen (driving enjoyment). Look closely at the next Volkswagen you see and if it is proudly displaying an "R" badge; you know you're in for a good time!

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

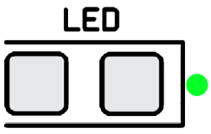
HOW DO I GET ONE?

Come find klipper or odie and trade us. Or ask nicely! Or buy klipper a red tool! Or bring odie some sour gummy candies! Available in blue or purple depending on who you get it from.

ASSEMBLY INSTRUCTIONS:

Follow the silkscreen on the back! And hopefully it's not too fragile :D

BOARD/LED TYPE:



PARTS USED:

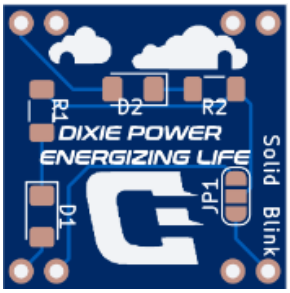
BOARD HOUSE USED:

JLCPCB

Assembly:

FRONT

BACK



PERSONAL MINIBADGE

Dixie Power

Designed By: KyleT

This MiniBadge represents our company, Dixie Power. Our mission statement is to build trust by equitably serving our members and communities with safe, reliable, and affordable energy.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

Find a Dixie Power employee and trade with them.

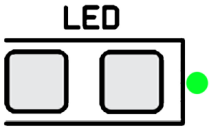
ASSEMBLY INSTRUCTIONS:

LEDs:
There are two LEDs located on the MiniBadge—one near the top center and the other on the bottom left. They are labeled D1 and D2. Each LED is marked with either a green dot or a line on one side, which should be oriented towards the inside of the border.

Resistors:
There are two resistors that need to be soldered to positions R1 and R2. These resistors can be soldered in either orientation.

To Blink or Not To Blink
There is a pad on the right hand side of the MineBadge. Soldering the center and left pad will keep the LEDs from blinking. Soldering the center and right pad will make the LEDs blink.

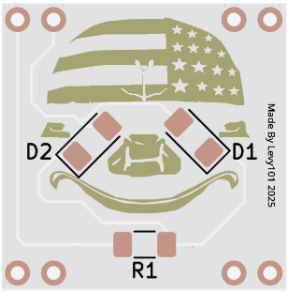
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Payday Dallas

Designed By: Levy101

The diverse cast of the payday gang make for an amazing row on any badge or 10x10 board, and it was time I brought them to reality.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

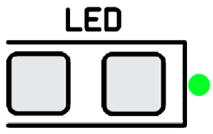
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Hand solder the blue LED to D1, and the red LED to D2, matching polarity. Solder resistor and pins to finish.

BOARD/LED TYPE:



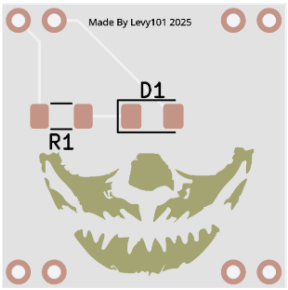
PARTS USED:

PART OF SET:

Payday 2025 Set
- 1 of 4

FRONT

BACK



PERSONAL MINIBADGE

Payday Wolf

Designed By: Levy101

The diverse cast of the payday gang make for an amazing row on any badge or 10x10 board, and it was time I brought them to reality.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

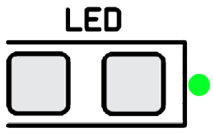
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Hand solder the LED to D1, matching polarity. Solder resistor and pins to finish.

BOARD/LED TYPE:

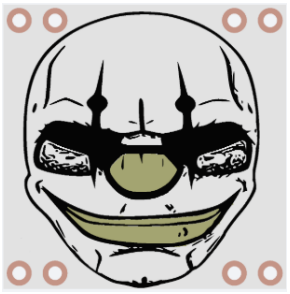


PARTS USED:

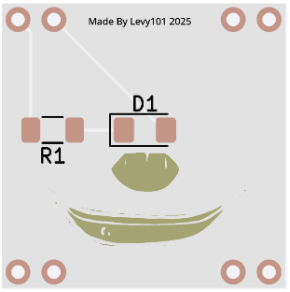
PART OF SET:

Payday 2025 Set
- 2 of 4

FRONT



BACK



PERSONAL MINIBADGE

Payday Chains

Designed By: Levy101

The diverse cast of the payday gang make for an amazing row on any badge or 10x10 board, and it was time I brought them to reality.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

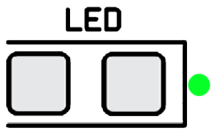
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Hand solder the LED to D1, matching polarity. Solder resistor and pins to finish.

BOARD/LED TYPE:

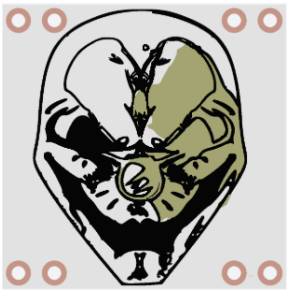


PARTS USED:

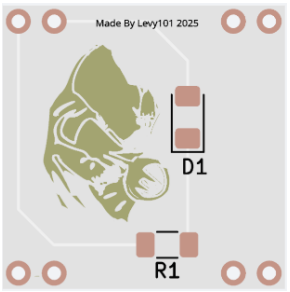
PART OF SET:

Payday 2025 Set
- 3 of 4

FRONT



BACK



PERSONAL MINIBADGE

Payday Hoxton

Designed By: Levy101

The diverse cast of the payday gang make for an amazing row on any badge or 10x10 board, and it was time I brought them to reality.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

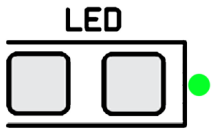
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Hand solder the LED to D1, matching polarity. Solder resistor and pins to finish.

BOARD/LED TYPE:



PARTS USED:

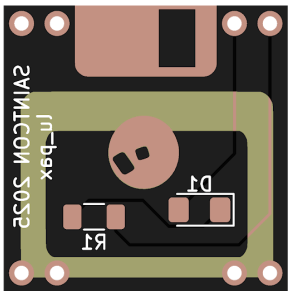
PART OF SET:

Payday 2025 Set
- 4 of 4

PERSONAL MINIBADGE

FRONT

BACK



SAINTCON 2025 Floppy Disk

Designed By: lu_pax

Remember Saintcon 2025 in classic floppy style.

DIFFICULTY:

BEGINNER

RARITY:

RARE

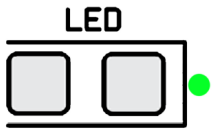
HOW DO I GET ONE?

Trade/Discord (lu_pax)

ASSEMBLY INSTRUCTIONS:

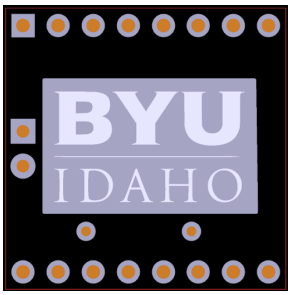
Use single pad method to solder on surface mount components.
Attach 1206 SMD Resistor to the pads with the two lines.
Attach 1206 SMD LED to the pads with the box, green facing the inside of the box.

BOARD/LED TYPE:

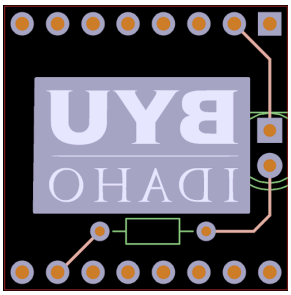


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

BYU-Idaho

Designed By: Matthew Spotten and Carl Gibbons

BYU-Idaho's "two-line monogram" logo. Reference https://www.byui.edu/branding/logos

DIFFICULTY:

BEGINNER

RARITY:

RARE

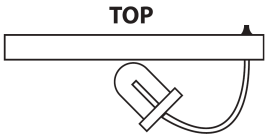
HOW DO I GET ONE?

At least two attendees will have some available for trade.

ASSEMBLY INSTRUCTIONS:

Solder points are marked behind the badge: a 27ohm resistor, a blue LED, and eight header pins (two at each corner).

BOARD/LED TYPE:



PARTS USED:

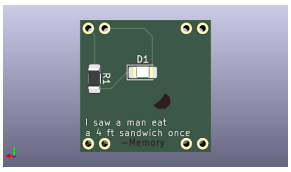
The badge PCB,
a 27 ohm barrel resistor,
a blue "dome lens" LED,
and four pairs of header pins (two pins at each corner)

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Improv Ave

Designed By: Memory

A minibadge representing the Improv team which is running the Improv for Hackers Event. It is not the event badge.
The message on the back of it references an improv show which one teammate ate 4ft of sandwich throughout the 1.5 hour show.

DIFFICULTY:

BEGINNER

RARITY:

RARE

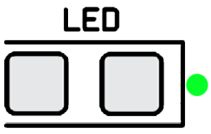
HOW DO I GET ONE?

TDB - Probably a combo of:
* Trade with me
* Compete in an improv game with us
* Share your favorite meme or joke

ASSEMBLY INSTRUCTIONS:

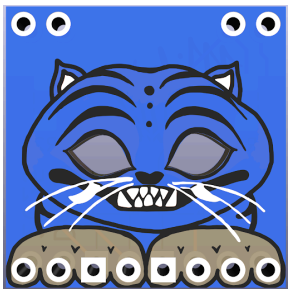
The badge is really simple. 1 LED and 1 Resistor. Put the resistor on the R1 pads and the

BOARD/LED TYPE:

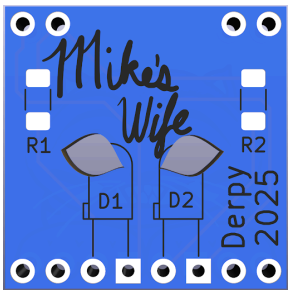


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Derpy

Designed By: Mike's Wife

Big cat from Kpop Demon Hunters

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

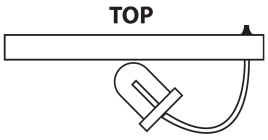
HOW DO I GET ONE?

Tell me the airspeed velocity of an unladen swallow.

ASSEMBLY INSTRUCTIONS:

The LEDs have flat tops and are meant to be inserted into the board from the back. They should be flush with the front of the board. This provides a place to stick the googly eyes.
There are two sizes of googly eyes included. The larger ones are self-adhesive so you can just stick them on. The smaller ones look better (in my opinion) but they have to be glued on.
The LED leads go into the 4 center holes on the bottom row. They act as Derpy's claws on the front of the board. NOTE: You may have to bend the LED leads if they interfere with the minibadge slot headers.

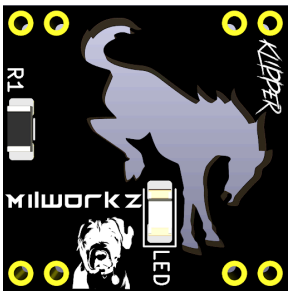
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Shadow Bronco

Designed By: Milworkz and klipper

A fun minibadge combining two things that I love! My dog shadow and the most beautiful 4WD rig in recent years.... The Ford Bronco! Let's just say BP and klipper are bad influences and make me buy things I wasn't quite ready for!

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

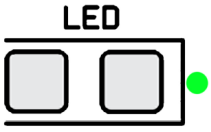
HOW DO I GET ONE?

Come find me and trade with me! I'll be at the LAN party for sure, and then around the con during the week!

ASSEMBLY INSTRUCTIONS:

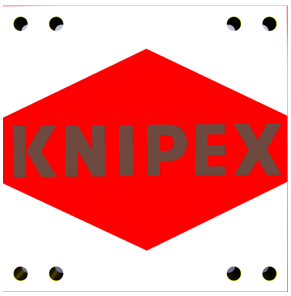
Follow the silkscreen!

BOARD/LED TYPE:

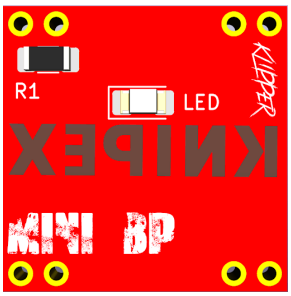


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

knipex

Designed By: Mini BP / klipper

Knipex....'nuff said.

In all seriousness, find yourself a nice set of Knipex and it will change your life. Seriously, go get some...I'll wait.

Did you get 'em yet? Check out the flush cutters that catch the legs so you don't get your eyes poked out! They are awesome!

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

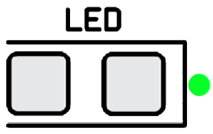
HOW DO I GET ONE?

Come find me and trade with me! I'll be helping the badge team out and likely running all over the conference!

ASSEMBLY INSTRUCTIONS:

Follow the silkscreen

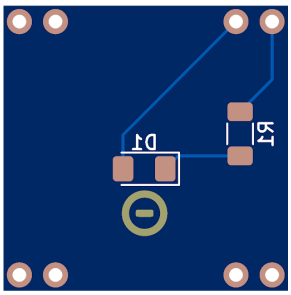
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Minus

Designed By: Minus

This minibadge is my personal logo

DIFFICULTY:

BEGINNER

RARITY:

RARE

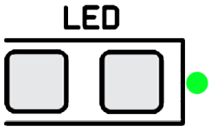
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

- Solder the resistor to R1
- Solder the LED to D1
-- Consider side mounting the LED for better light shining through the cutout

BOARD/LED TYPE:



PARTS USED:

FRONT

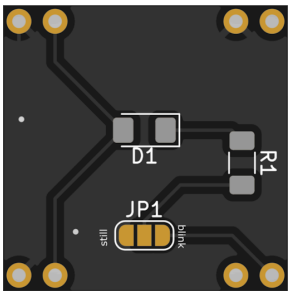
PERSONAL MINIBADGE

Mister X Badge

Designed By: Mister X

The official logo of me, Mister X. If you need to find me, look for a guy wearing a beanie and a hoodie with this logo on the back.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

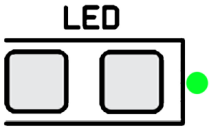
HOW DO I GET ONE?

Just ask for one.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the two LEDs first, using the single-pad method for hand soldering.
- Solder the two Resistors using the same single-pad method for hand soldering.
- Solder the center jumper and either the left copper pad to have a still LED, or the right pad to have a blinking LED.
- Solder the 4x 2-Position headers, with the Mister X logo facing out.

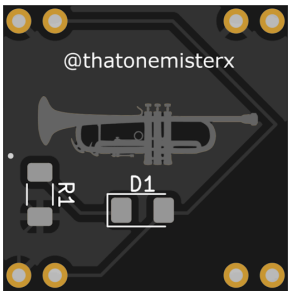
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Weapon of Brass Destruction Badge

Designed By: Mister X

As a senior in high school, one of my favorite electives is band. I am currently a part of TFHS's marching band, jazz ensemble, and wind ensemble. I'm thankful for the opportunities I've gotten, including being one of the lead trumpets for the 2025 Montana State University's All Star Band and 3rd chair for Idaho's District IV Honor Band. This badge celebrates brass instruments' power in an ensemble.

DIFFICULTY:

BEGINNER

RARITY:

RARE

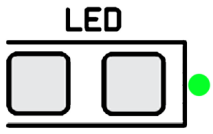
HOW DO I GET ONE?

Ask for one, or talk to me about a band you like.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the trumpet artwork facing out.

BOARD/LED TYPE:



PARTS USED:

FRONT

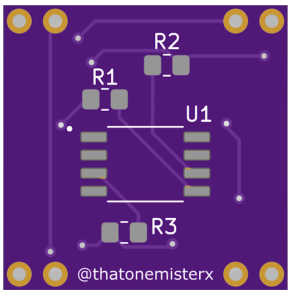
PERSONAL MINIBADGE

Jevil Badge

Designed By: Mister X

Jevil, the chaotic clown from Deltarune: Chapter 1. With the prospect of freedom, soldering this badge will sure to drive you insane!

BACK



DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

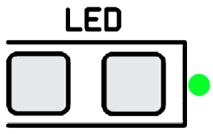
HOW DO I GET ONE?

Trade with me.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the ATTINY85. Make sure to match the circle on the microcontroller to that on the board.
- Solder the three resistors using the single-pad method for hand soldering.
- Flip to the front side.
- Solder the six LEDs first, using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the Jevil artwork facing out.

BOARD/LED TYPE:



PARTS USED:

PART OF SET:

Deltarune Set - 1 of 5

FRONT

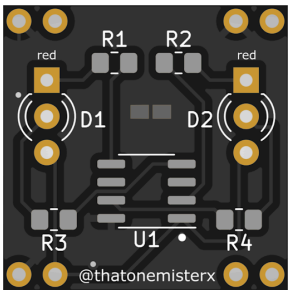
PERSONAL MINIBADGE

CERTIFIED [[BIG SHOT]] Badge

Designed By: Mister X

H3Y S41NTC0N ATTEND33! ARE YOU READY TO S0LDER [$.10 PCB Board]? THIS B4DGE IS SURE TO MAKE Y0U [[Weep, Cry, and Scream]]. COMPLETE THIS B4DGE TO B3COME A CERTIFIED [[Big Shot]]!

BACK



DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

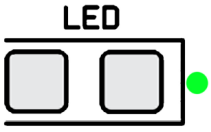
HOW DO I GET ONE?

TR4DE WITH [[Creator of Badge]].

ASSEMBLY INSTRUCTIONS:

- Start on back side.
- Solder the ATTINY402.
- Solder red resistors on R1 and R2
- Solder green resistors on R3 and R4.
- Solder LEDs. The red side is the longer pin.
- Flip to front side and solder pin headers.

BOARD/LED TYPE:



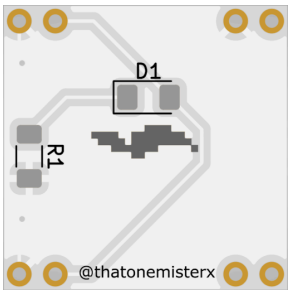
PARTS USED:

PART OF SET:

Deltarune Set - 2 of 5

FRONT

BACK



PERSONAL MINIBADGE

Kris Badge

Designed By: Mister X

Kris is the main protagonist the player plays as in Deltarune. It is apparent that he longs to be free from the player's control, as he rips his "SOUL" out of his chest in times of solitude.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

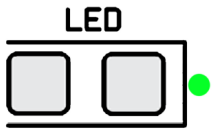
HOW DO I GET ONE?

Trade with me.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the Kris artwork facing out.

BOARD/LED TYPE:



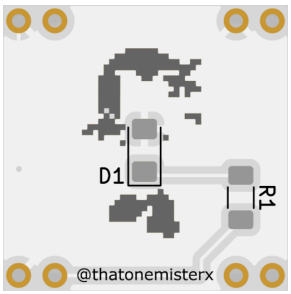
PARTS USED:

PART OF SET:

Deltarune Set - 3 of 5

FRONT

BACK



PERSONAL MINIBADGE

Susie Badge

Designed By: Mister X

Susie, the raw power for the Fun Gang. Her brute strength will often carry the group during fights.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

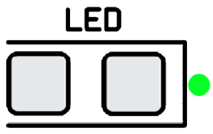
HOW DO I GET ONE?

Trade with me.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the Susie artwork facing out.

BOARD/LED TYPE:

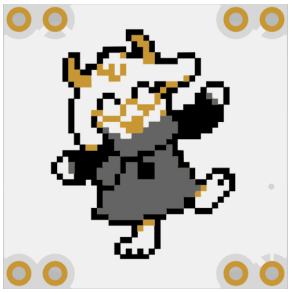


PARTS USED:

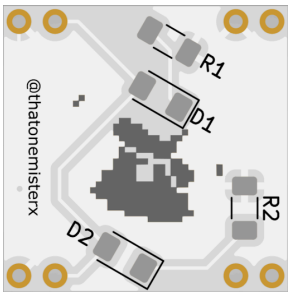
PART OF SET:

Deltarune Set - 4 of 5

FRONT



BACK



PERSONAL MINIBADGE

Ralsei Badge

Designed By: Mister X

Ralsei is the support of the group. He actively looks out for his fellow man, ensuring that they are protected by any means necessary. His healing spell helps to keep the player alive during fights.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

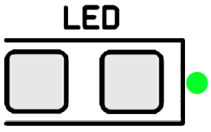
HOW DO I GET ONE?

Trade with me.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- D1, R1 - Red LED/resistor
- D2, R2 - Green LED/resistor
- Solder the two LEDs first, using the single-pad method for hand soldering.
- Solder the two Resistors using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the Ralsei artwork facing out.

BOARD/LED TYPE:



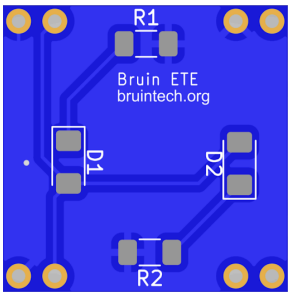
PARTS USED:

PART OF SET:

Deltarune Set - 5 of 5

FRONT

BACK



PERSONAL MINIBADGE

TFHS Badge

Designed By: Mister X and Bruin ETE

The official logo for Twin Falls High School.

DIFFICULTY:

BEGINNER

RARITY:

RARE

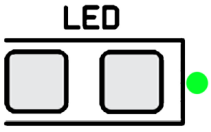
HOW DO I GET ONE?

Trade with a TFHS student. If you need help finding one, contact Mister X on Discord.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the two LEDs first, using the single-pad method for hand soldering.
- Solder the two Resistors using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the TFHS logo facing out.

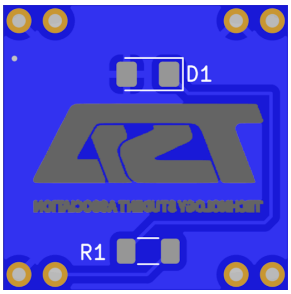
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

TSA Badge

Designed By: Mister X and Bruin ETE

This badge is meant to represent all of our members of the Technology Student Association.

DIFFICULTY:

BEGINNER

RARITY:

RARE

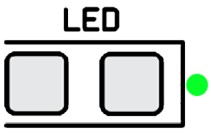
HOW DO I GET ONE?

Trade with a student from TFHS.

ASSEMBLY INSTRUCTIONS:

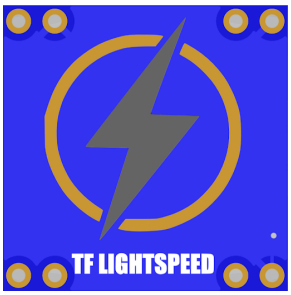
- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the TSA artwork facing out.

BOARD/LED TYPE:



PARTS USED:

FRONT



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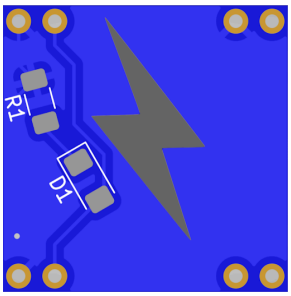


PERSONAL MINIBADGE

TFHS Lightspeed Badge

Designed By: Mister X and Bruin ETE

The official logo for Twin Falls High School's e-sports team.

DIFFICULTY:

BEGINNER

RARITY:

RARE

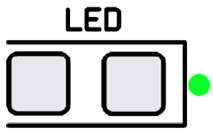
HOW DO I GET ONE?

Trade with a student from TFHS.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the TF Lightspeed artwork facing out.

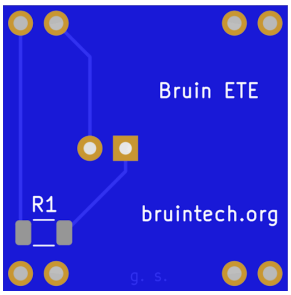
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Bionic Bruins Badge

Designed By: Mister X and Bruin ETE

The official logo of the Bionic Bruins, TFHS's robotics team.

DIFFICULTY:

BEGINNER

RARITY:

RARE

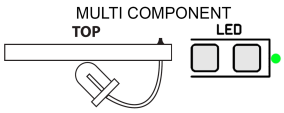
HOW DO I GET ONE?

Trade with a student from TFHS.

ASSEMBLY INSTRUCTIONS:

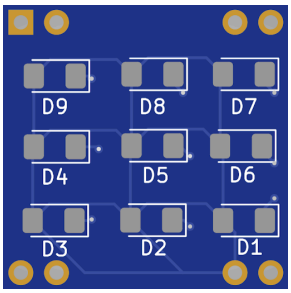
- Begin on the back side first.
- Solder the LED first, using the single-pad method for hand soldering. The longer end goes in the circle hole.
- Solder the Resistor using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the Bionic Bruins artwork facing out.

BOARD/LED TYPE:



PARTS USED:

FRONT



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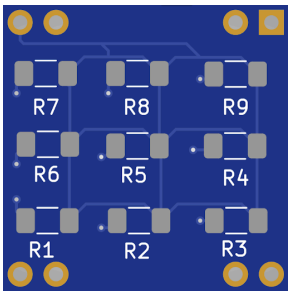


PERSONAL MINIBADGE

9led board

Designed By: Moomoo

May it be a light to you in dark places, when all other lights go out.

This badge is meant to sit below a badge and provide targeted light for more intricate lighting options. It can also be used to light up a board that had failed or lost parts for. If you manage to get one, it does not come with any parts and will be a raw board only.

DIFFICULTY:

BEGINNER

RARITY:

RARE

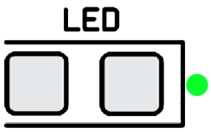
HOW DO I GET ONE?

Trade - but be warned it does not come with any parts.

ASSEMBLY INSTRUCTIONS:

Simply add leds and resistors to their corresponding numbers.

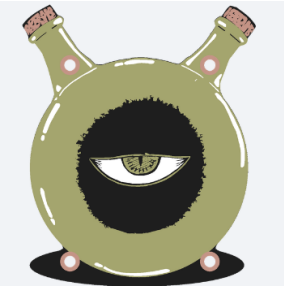
BOARD/LED TYPE:



PARTS USED:

PERSONAL MINIBADGE

FRONT



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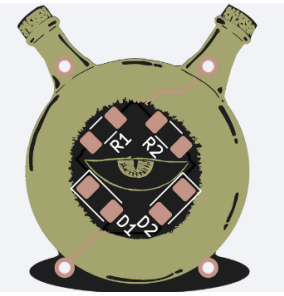


Dwarf in the flask

Designed By: Moomoo

The dwarf in the flask from Full Metal Alchemist. This features red leds for a red flask glow.

DIFFICULTY:

BEGINNER

RARITY:

RARE

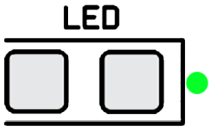
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

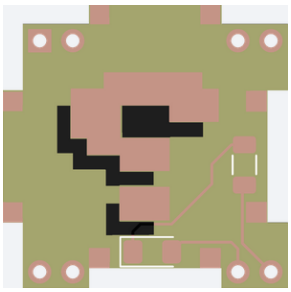
Simply add solder the leds to their corresponding positions

BOARD/LED TYPE:

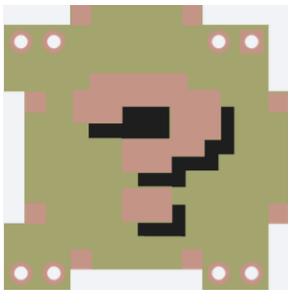


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Failed Cube

Designed By: Moomoo

When procrastination, limited time, and no previous testing come together as one, you end up with one of these. This was meant to be fitted together to make a cube from Mario. However, one side was too short and will only make a cube with great effort and it'll still look bad. This design was fixed in later versions, but these boards are available.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

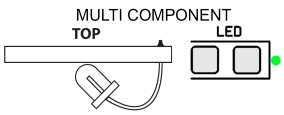
HOW DO I GET ONE?

Ask for one

ASSEMBLY INSTRUCTIONS:

This comes with a 3mm led that needs to be soldered on to the front and bended to the back to light this board. Yes, the board design will be backwards as it was designed to be a cube and not a standalone badge. No, the badge cannot be flipped around as that would put the pins in the clock pins.

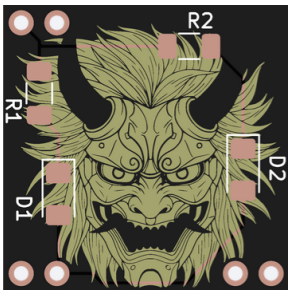
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Oni Mask - Copper mane

Designed By: Moomoo

A continuation of the Oni Mask series. This features a copper mane and a red glow that flows throughout the hair. Looks amazing in the dark.

DIFFICULTY:

BEGINNER

RARITY:

RARE

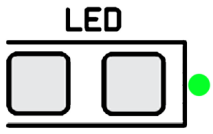
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

Simply solder the leds to their corresponding positions

BOARD/LED TYPE:



PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK

Oogie

Designed By: Moomoo

Oogie from the Nightmare before Christmas. This will come in either Green or Yellow leds.

DIFFICULTY:

BEGINNER

RARITY:

RARE

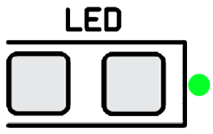
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

Simply solder the leds to their corresponding positions

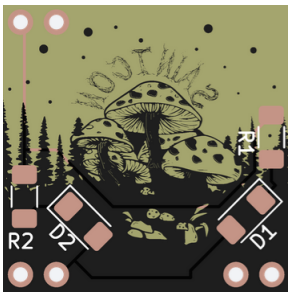
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Saintcon Mushrooms

Designed By: Moomoo

This is a mini version of the Saintcon Mushroom art display. The led colors combinations may vary.

DIFFICULTY:

BEGINNER

RARITY:

RARE

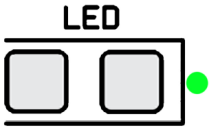
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

Simply solder the leds to their corresponding positions

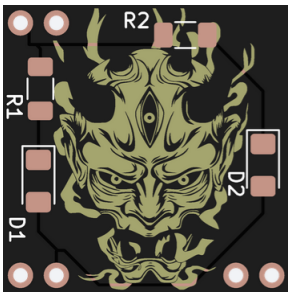
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Oni mask - Smoke

Designed By: Moomoo

A continuation of the Oni mask series. This features a red glow for the mask and copper smoke

DIFFICULTY:

BEGINNER

RARITY:

RARE

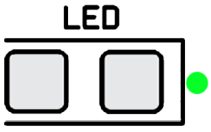
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

Simply solder the leds to their corresponding positions

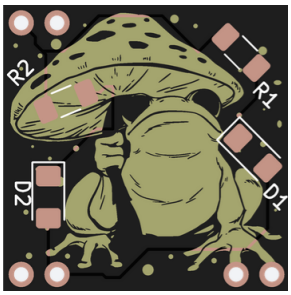
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Toadstool Mushroom

Designed By: Moomoo

A Toad sitting under a Toadstool mushroom. This badge references my interests and has other significance to it.

DIFFICULTY:

BEGINNER

RARITY:

RARE

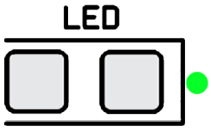
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

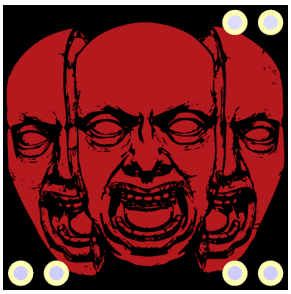
Simply solder the leds to their corresponding positions

BOARD/LED TYPE:



PARTS USED:

FRONT



BACK

PERSONAL MINIBADGE

Vaal orb

Designed By: Moomoo

A Vaal orb is an item from the game Path of Exile. Using this item on a piece of armor will randomly modify it stats and corrupt the item, permanently preventing it from being changed any further. However, this item has the potential to make your armor better or completely change the stats and completely ruin the item rendering it worthless. Do you have the Vaals to corrupt your items?

DIFFICULTY:

BEGINNER

RARITY:

RARE

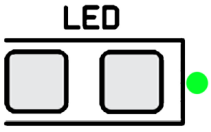
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

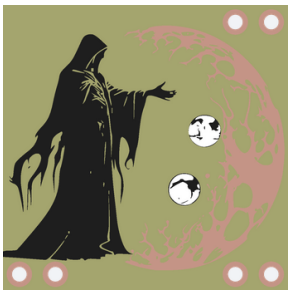
Simply solder the leds to their corresponding positions

BOARD/LED TYPE:

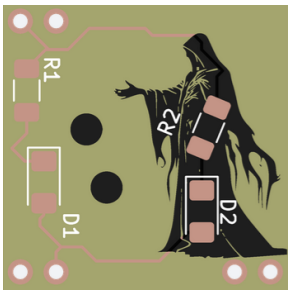


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Darkwizard - Creation

Designed By: Moomoo

A continuation of the Darkwizard series. This badge features dark magic to create worlds

DIFFICULTY:

BEGINNER

RARITY:

RARE

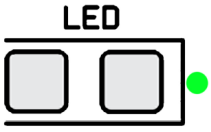
HOW DO I GET ONE?

Trade

ASSEMBLY INSTRUCTIONS:

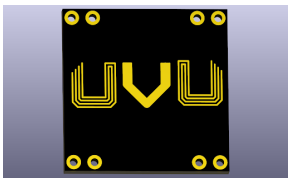
Simply solder the leds to their corresponding positions

BOARD/LED TYPE:



PARTS USED:

FRONT



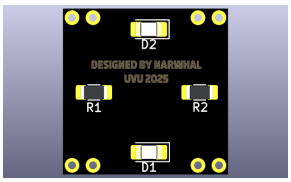
PERSONAL MINIBADGE

Utah Valley University

Designed By: narwhal

I'm really into bare PCB traces art this year and made a custom spin on the UVU logo. Don't tell our marketing department! Thought they would look better gold plated since I'm buying them ;) If you like bare PCB trace art get my other minibadge: The Twilight Zone

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

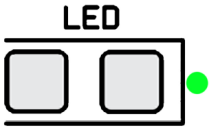
HOW DO I GET ONE?

Find someone who works at UVU, or find the weirdo wearing the 10x10 board on a lanyard.

ASSEMBLY INSTRUCTIONS:

LEDs and Resistors are the same. Resistor to R and Led to D

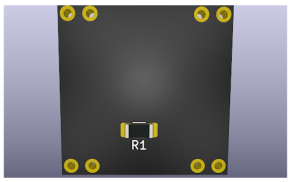
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

The Twilight Zone

Designed By: narwhal

I grew up watching the original 1959 Twilight Zone series after falling in love with the Tower of Terror ride at Disney Parks. If Rod Serling was still alive he would be lead the TFHT. I feel like bare PCB traces on a black PCB matches the black and white recording of The Twilight Zone. You're traveling through another dimension -- a dimension not only of sight and sound but of mind. A journey into a wondrous land whose boundaries are that of imagination. That's a signpost up ahead: your next stop: the Twilight Zone!

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

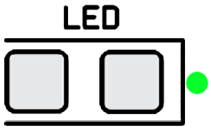
HOW DO I GET ONE?

Find the nerd walking around with a 10x10 minibadge board as a necklace. I'll be lit up like a Christmas tree, unless I go through the largest battery pack I could find on internets.

ASSEMBLY INSTRUCTIONS:

Resistor on the back, LED in the middle of the board on the front.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

PERSONAL MINIBADGE

Spider-Man and Venom

Designed By: narwhal

As a long-time Spider-Man fan, I've recently been drawn to the comics. I've been exploring the stories of Venom and Carnage, and the fascinating Spider-Man Venom combo that I experienced in Marvel's Spider-Man 2 video game. This journey into Spider-Man lore has been so captivating that it's even influenced my other hobbies, such as Lego and pinball machines and now with remix on my first mini-badge

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

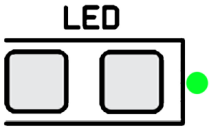
HOW DO I GET ONE?

Find the nerd wearing a 10x10 minibadge on a lanyard.

ASSEMBLY INSTRUCTIONS:

Both resistors are the same, 100 ohms. Both LEDs are red.

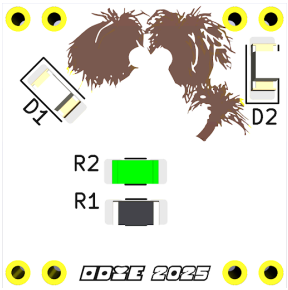
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Fraggle Rock

Designed By: odie

Dance your cares away, worries for another day
Let the music play, Down in fraggle rock

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

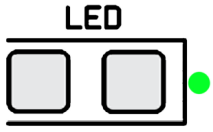
HOW DO I GET ONE?

Come find me at one of our fine SAINTCON events!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED(s) first, using the single-pad method for hand soldering.
- Solder the Resistor(s) using the same single-pad method for hand soldering.
- Solder the 2-Position headers.

BOARD/LED TYPE:



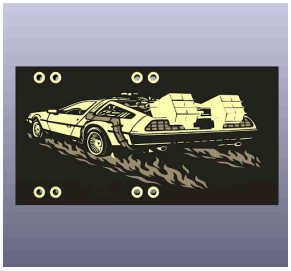
PARTS USED:

1206 LED
1206 RESISTOR
FR4 PCB
2-Pin Pin Headers

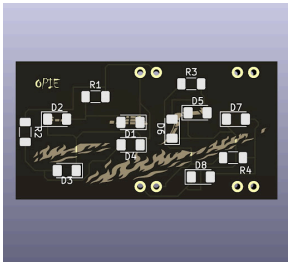
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Back to the Future

Designed By: Opie

"Wait a minute, Doc, are you telling me that you built a time machine... out of a DeLorean?!"

DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

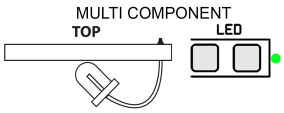
HOW DO I GET ONE?

Come find me and trade with me. I will be in the MiniBadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Please visit https://github.com/SRT8-opie/2025-Saintcon-Minibadges for instructions and information about this minibadge and my other minibadges.

BOARD/LED TYPE:



PARTS USED:

Please visit https://github.com/SRT8-opie/2025-Saintcon-Minibadges for instructions and information about this minibadge and my other minibadges.

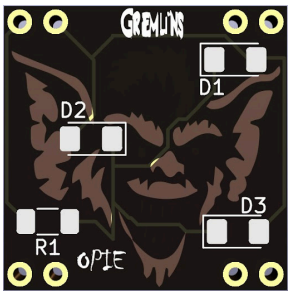
BOARD HOUSE USED:

JLCPCB and Elecrow

PERSONAL MINIBADGE

FRONT

BACK



Spike

Designed By: Opie

But the most important rule, the rule you can never forget, no matter how much he cries, no matter how much he begs, never feed him after midnight.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

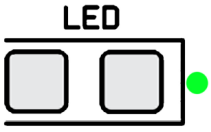
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Instructions are located at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:



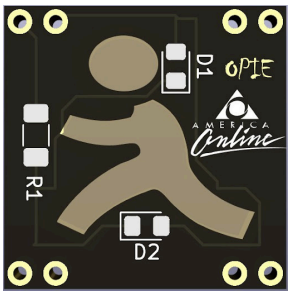
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

AOL Messenger

Designed By: Opie

Who remembers the days of dial up and AOL. Who still remembers their AIM name?

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

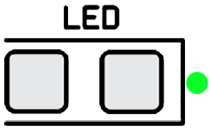
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Installation instructions area located at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:

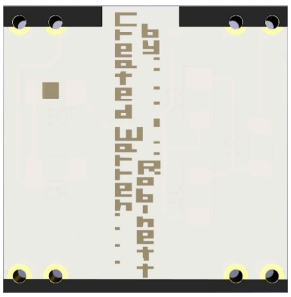


PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT



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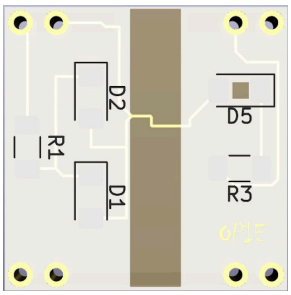


PERSONAL MINIBADGE

Adventure Easter Egg

Designed By: Opie

If you know the answer ultimate, divide it by the number magic... and what you need, want and desire... will be found in the fortress tragic. This badge is the final answer to this clue from Ready Player One.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

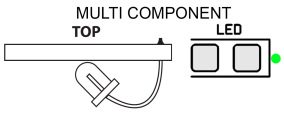
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Please follow the build instructions located at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:



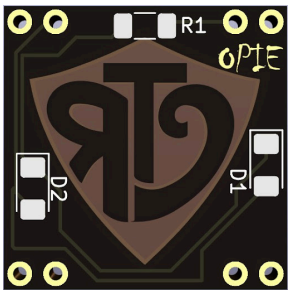
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

CTR

Designed By: Opie

CTR can mean Choose the Right, Choose the Rich, Curse the Rockers, Corrupt the Righteous or whatever else you can think of.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

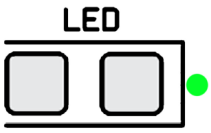
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Instructions can be found at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:



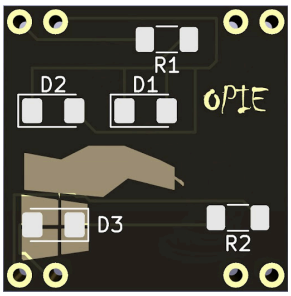
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Windows Calvin

Designed By: Opie

You see this on trucks that dislike other car manufactures. This is for those that dislike Windows devices

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

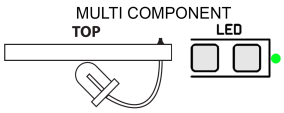
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Please follow the instructions at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:



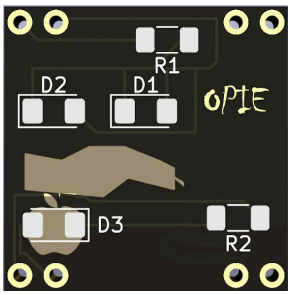
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Calvin Apple

Designed By: Opie

You see this on trucks that dislike other car manufactures. This is for those that dislike Apple devices.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

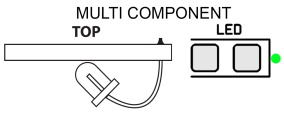
HOW DO I GET ONE?

Find me and trade with me or just ask for one. I will be at the Minibadge Community frequently.

ASSEMBLY INSTRUCTIONS:

Follow the build instructions at https://github.com/SRT8-opie/2025-Saintcon-Minibadges

BOARD/LED TYPE:

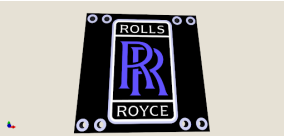


PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT



PERSONAL MINIBADGE

RollsRoyce

Designed By: PB&J

Rolls Royce, one of the smoothest cars I've never ridden in! Like the rest of the car brand mini badges I made this year, I chose this one for the way it looks, mostly. You probably won't ever see a Rolls in the drive-thru lane, but it fits my theme for this year (Fast food & Cars).

BACK

DIFFICULTY:

BEGINNER

HOW DO I GET ONE?

Trade with me

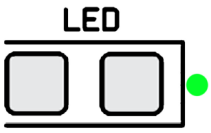
RARITY:

RARE

ASSEMBLY INSTRUCTIONS:

Solder the LED and resistor using the usual method then solder the middle and Left OR Right pads of JP1 then solder the header pins in place.

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

jlcpcb

FRONT

BACK

PERSONAL MINIBADGE

VW dreams

Designed By: PB&J

This badge was inspired by the memory of former neighbors' VWs - one had a Beetle the other a Transporter (Bus) - and by my
long-time desire to own a VW-powered Dune Buggy. This is part of my "Fast Food & Cars" theme for this year.
I was torn between trying to re-create the 'Tomato Soup' red of the bus and the Sky-blue of the 'Bug' for the colors
of this mini badge, but due to the difficulty in getting LED & solder mask colors just right, the blue won out.

DIFFICULTY:

BEGINNER

HOW DO I GET ONE?

Trade with me or tell me about your favorite VW

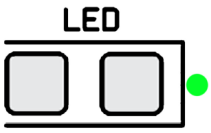
RARITY:

RARE

ASSEMBLY INSTRUCTIONS:

Solder the resistor (one pad at a time), then the LED, then the pins. Covering the LED and bare PCB areas on the back with hot glue
will help spread-out the color on the front.

BOARD/LED TYPE:

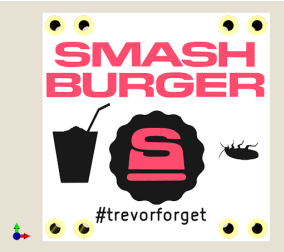


PARTS USED:

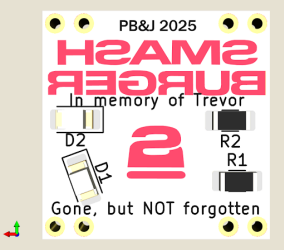
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Trevor/SmashBurger

Designed By: PB&J

This design was inspired by all the laughs I got from watching a video of a SAINTCON keynote speech that happened before my intro
to SC. I know, I know, this badge would have been so much better had it been made long before. I soooo wish I could have been part
of the phenomenon as it happened! Soon after viewing the video, I found that there are a couple of local Smash Burger stores in the
SLC area and I quickly became a fan of their burgers (fortunately I have a dairy allergy).
#trevorforget

DIFFICULTY:

BEGINNER

RARITY:

RARE

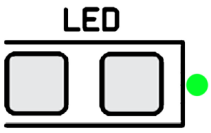
HOW DO I GET ONE?

Grifter gets one free- if he wants - ALL others must watch the video: https://www.youtube.com/watch?v=oOXcol_fFGQ then tell me what your favorite line/scene/event/etc. from the video is.

ASSEMBLY INSTRUCTIONS:

Solder the resistors (one pad at a time), then the LEDs, then the pins. Covering the LED and bare PCB areas on the back with hot glue may, or may not, help spread-out the color on the front.

BOARD/LED TYPE:

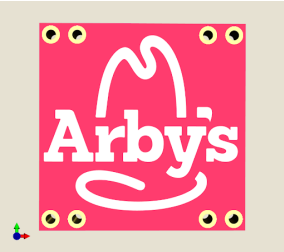


PARTS USED:

BOARD HOUSE USED:

JLCPCB - I think

FRONT



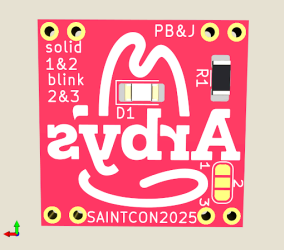
PERSONAL MINIBADGE

Arby's - Red

Designed By: PB&J

My 2nd design in my 'Fast food & Cars' collection is from a fast food chain that's an oldie but a goodie. Since this was so simple (compared to my first mini badge ever) I decided that I should make two versions! Unfortunately, rising costs force me to limit everyone to one design or the other, then again, who knows - I may be lucky to give half of them away! Anyway, I hope you enjoy!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

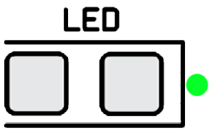
HOW DO I GET ONE?

Trade me a slider, Gyro or other cheese-free sandwich from Arby's, or tell which sandwich is your fave to get one of these gems!

ASSEMBLY INSTRUCTIONS:

Solder the resistor (one pad at a time), then the LED, then the pins. Covering the LED and bare PCB areas on the back with hot glue will help spread-out the color on the front.

BOARD/LED TYPE:

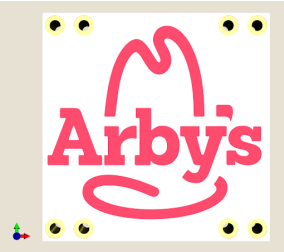


PARTS USED:

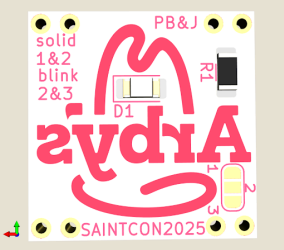
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Arby's - White

Designed By: PB&J

My 2nd design in my 'Fast food & Cars' collection is from a fast food chain that's an oldie but a goodie. Since this was so simple (compared to my first mini badge ever) I decided that I should make two versions! Unfortunately, rising costs force me to limit everyone to one design or the other, then again, who knows - I may be lucky to give half of them away! Anyway, I hope you enjoy!

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

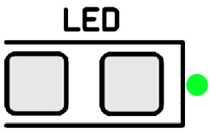
HOW DO I GET ONE?

Trade me a slider, Gyro or other cheese-free sandwich from Arby's, or tell which sandwich is your fave to get one of these gems!

ASSEMBLY INSTRUCTIONS:

Solder the resistor (one pad at a time), then the LED, then the pins. Covering the LED and bare PCB areas on the back with hot glue will help spread-out the color on the front.

BOARD/LED TYPE:

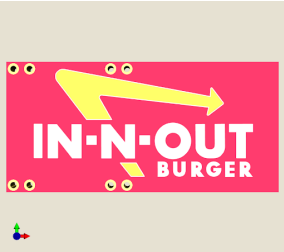


PARTS USED:

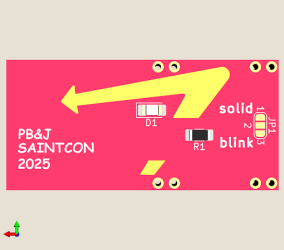
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

INO-1

Designed By: PB&J

As with the others, I thought this design would be relatively easy, I also have become a fan of their burgers. Apparently it was so easy that I decided to make a more complex version! As with the Arby's design, unfortunately, rising costs force me to limit everyone to one design or the other, then again, who knows - I may be lucky to give half of them away! Anyway, I hope you enjoy!

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

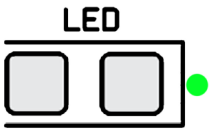
HOW DO I GET ONE?

Trade a mini badge or a burger, or other semi-valuable item for one of these beauties!

ASSEMBLY INSTRUCTIONS:

Solder the resistor (one pad at a time), then the LED, then the pins. Covering the LED and bare PCB areas on the back with hot glue will help spread-out the color on the front. https://youtube.com/shorts/DhNSHFIm2CQ?feature=share

BOARD/LED TYPE:

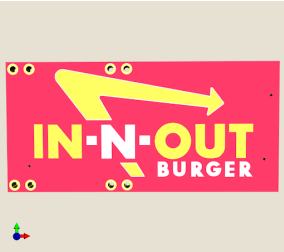


PARTS USED:

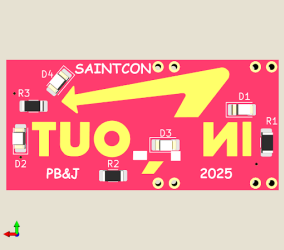
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

INO-2

Designed By: PB&J

As with the others, I thought this design would be relatively easy, I also have become a fan of their burgers. Apparently it was so easy that I decided to make a more complex version! As with the Arby's design, unfortunately, rising costs force me to limit everyone to one design or the other, then again, who knows - I may be lucky to give half of them away! Anyway, I hope you enjoy!

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

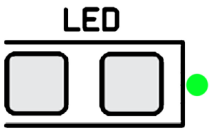
HOW DO I GET ONE?

Trade a mini badge or a burger, or other semi-valuable item for one of these beauties!

ASSEMBLY INSTRUCTIONS:

Solder the resistors (one pad at a time), then the LEDs, then the pins. It is advised to be VERY CAREFUL when applying hot glue. Run a line of glue from the polygon below D3 up and over D3 up to the bend in the arrow. Run another bead of hot glue from D4 to the point of the arrow to the bend in the arrow. Run a bead of Hot glue from D2 to the letters 'O', 'U' & 'T', DON"T let it touch the other glue glob!! Run a bead of Hot glue from D1 to the letters 'I' and 'N', DON"T let it touch the other glue glob that covers D3!!
https://youtube.com/shorts/DhNSHFIm2CQ?feature=share

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:
JLCPCB

PERSONAL MINIBADGE

FRONT

BACK

BMW

Designed By: PB&J

The design of this badge is based on the looks, as well as the ease of re-creating the logo (try creating a Cadillac logo mini badge & you'll see what I mean). For those who don't know, BMW started out as an airplane engine manufacturing company, hence the spinning prop look of the logo. This design rounds-out my "Fast food & Cars" car logos badges for this year.

DIFFICULTY:

BEGINNER

RARITY:

RARE

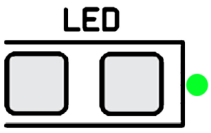
HOW DO I GET ONE?

Trade with me or tell me about your favorite BMW.

ASSEMBLY INSTRUCTIONS:

Solder the resistor (one pad at a time), then the LED, then the pins. Covering the LED and bare PCB areas on the back with hot glue will help spread-out the color on the front.

BOARD/LED TYPE:

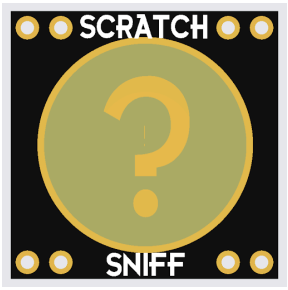


PARTS USED:

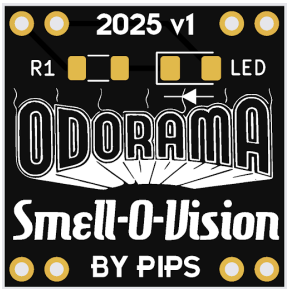
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Scratch and Sniff

Designed By: Pips

A scratch and sniff minibadgebadge. Stupid idea that came about from 801 Labs. The badge has a very small scratch and sniff sticker overlayed on the front. The sticker will be one of the 5 scents I used for this project, as follows

- DNS (Wet Dirt)
- TOR (Onion)
- Zodiak's Sandals (Cheese)
- Magic Smoke (Burnt Rubber)

DIFFICULTY:

BEGINNER

RARITY:

COMMON

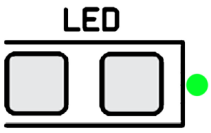
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Just solder the pin headers!

BOARD/LED TYPE:



PARTS USED:

FRONT

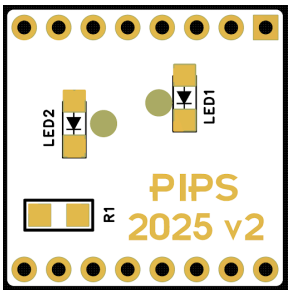
PERSONAL MINIBADGE

Pipscat

Designed By: Pips

First attempt at full color silk-screening!

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

COMMON

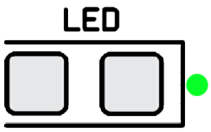
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

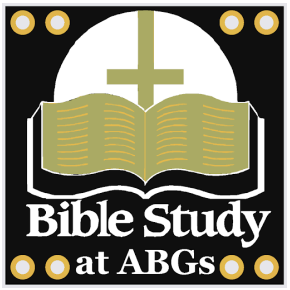
Solder 2x LEDs next to the eyes, and solder 1x Resistor. Solder pin headers. Done!

BOARD/LED TYPE:

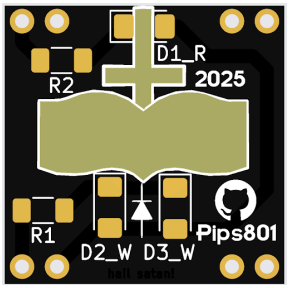


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Bible Study at ABGs

Designed By: Pips

Sacrilegious Minibadge. You can only get this minibadge if you go to the one bar in Provo during SAINTCON. If I see you're from the con, I'll give you one.

DIFFICULTY:

BEGINNER

RARITY:

COMMON

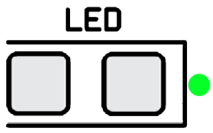
HOW DO I GET ONE?

Find me at ABG's after the conference!

ASSEMBLY INSTRUCTIONS:

Just solder the pin headers!

BOARD/LED TYPE:



PARTS USED:

FRONT

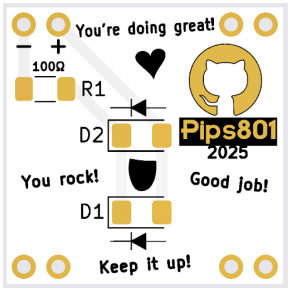
PERSONAL MINIBADGE

Hang in there!

Designed By: Pips

Hang in there! You've got this!

BACK



DIFFICULTY:

BEGINNER

RARITY:

COMMON

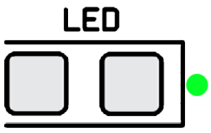
HOW DO I GET ONE?

Just find one

ASSEMBLY INSTRUCTIONS:

Just solder the pin headers! You've got this!

BOARD/LED TYPE:



PARTS USED:

FRONT

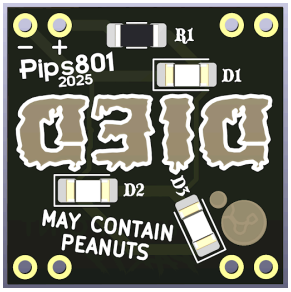
PERSONAL MINIBADGE

I almost DIED at the CheckPoint party

Designed By: Pips

Some brave soul partied so hard at the 2024 checkpoint party that they died. poor guy. This minibadge is in his honor. RIP.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

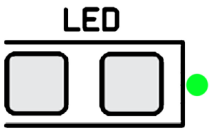
HOW DO I GET ONE?

CheckPoint booth or randomly

ASSEMBLY INSTRUCTIONS:

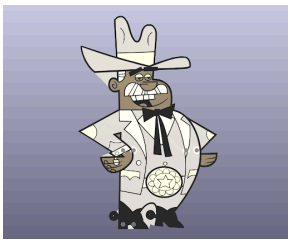
Just solder the pin headers!

BOARD/LED TYPE:



PARTS USED:

FRONT



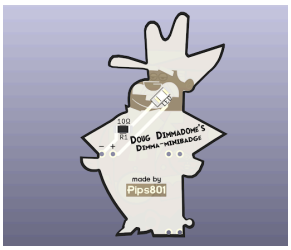
PERSONAL MINIBADGE

Doug Dimmadome's Dimma-Minibadge

Designed By: Pips

Doug Dimmadome, owner of the Dimmsdale Dimmadome, has his own Dimma-minibadge!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

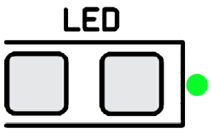
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

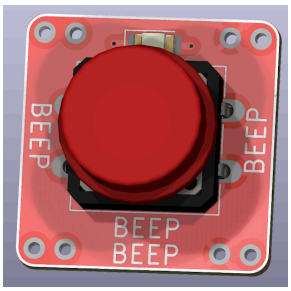
Solder LED and resistor. Solder pin headers.

BOARD/LED TYPE:



PARTS USED:

FRONT



PERSONAL MINIBADGE

BEEP BEEP

Designed By: Pips

An obnoxiously-loud buzzer with an obnoxiously bright and large button. How tempting! Who wouldn't want to press that? Due to the length of the buzzer, the minibadge needs extra-long pin headers to connect snug with the socket.

BACK

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

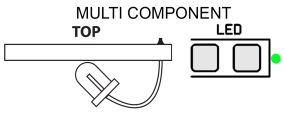
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

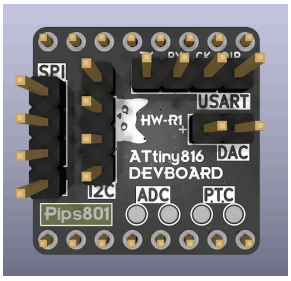
First, solder all of the LEDs and resistors. if you are missing R1 (a potentiometer), the simply bridge the pad that says "NO R1" with solder. The potentiometer is meant for volume control. Next, solder the buzzer on the back of the badge, then with some good cutters, snip the leads of the speaker as flush as you can get them. After that, solder the comically large button on the front.

BOARD/LED TYPE:



PARTS USED:

FRONT



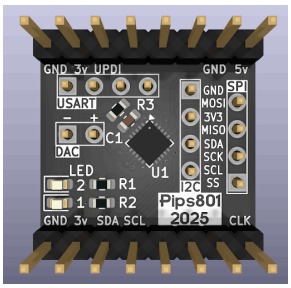
PERSONAL MINIBADGE

ATtiny 816/1616 Devboard

Designed By: Pips

ATTiny-816/1616 Minibadge Devboard with breakouts for USART, I2C, DAC, and SPI, as well as two LEDs. There is also support for two ADC (analog to digital conversion) inputs and two PTC (touch sense) pins. It is programmed using UPDI via pin 6 (PROG4). either has 8KB or 16KB of flash. DO NOT PLUG BOARD IN UPSIDE-DOWN!!!!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

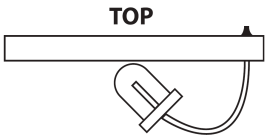
HOW DO I GET ONE?

Purchase one from me

ASSEMBLY INSTRUCTIONS:

Solder pin headers. DO NOT PLUG BOARD IN UPSIDE-DOWN!!!!

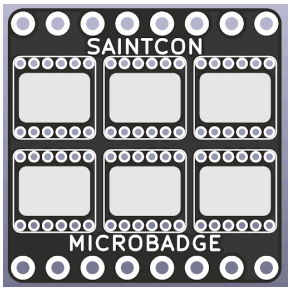
BOARD/LED TYPE:



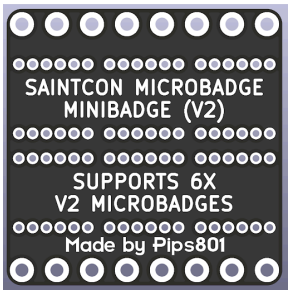
PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK



Microbadge V2 Minibadge

Designed By: Pips

Yo dawg, we heard you like minibadges. This minibadge provides the slots for 6x Microbadges, so you can minibadge on your minibadge.

DIFFICULTY:

INTERMEDIATE

RARITY:

UNCOMMON

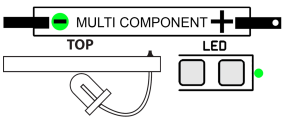
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Acquire 1mm Pin sockets and headers. Cut 12x sockets into 6pins, and solder onto your minibadge.

BOARD/LED TYPE:



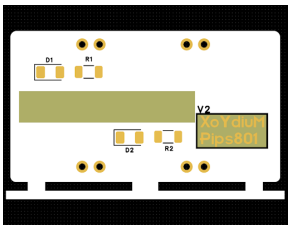
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Julia Reagan

Designed By: Pips + XoYdiuM

Wife, Mother, and Grandmother. We will miss her!

DIFFICULTY:

BEGINNER

RARITY:

COMMON

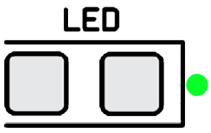
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder pin headers

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK

PERSONAL MINIBADGE

Ghost in a Shell. A Cyberpunk reference in a Cyberpunk reference.

Designed By: PTHawk

A Ghost in a shell.

DIFFICULTY:

BEGINNER

RARITY:

RARE

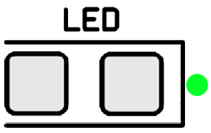
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

- Begin on the Back side first.
- LED Direction: Negative (bracket marking on top) goes in the bracket.
- Solder the LEDs first, using the single-pad method for hand soldering.
- Solder the resistors next, using the single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



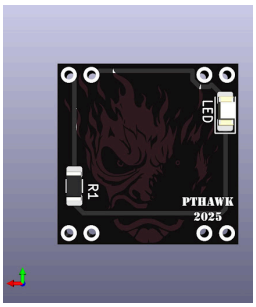
PARTS USED:

- PCB
- 4x 2 position Headers
- Red LED
- Thick Film Resistors - SMD 51 Ohms 250 mW 1206 1%

PERSONAL MINIBADGE

FRONT

BACK



Cyberpunk Oni

Designed By: PTHawk

The symbol of the band Samurai in Cyberpunk 2077

DIFFICULTY:

BEGINNER

RARITY:

RARE

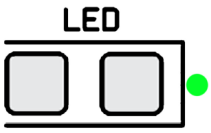
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

- Begin on the Back side first.
- LED Direction: Negative (bracket marking on top) goes in the bracket.
- Solder the LEDs first, using the single-pad method for hand soldering.
- Solder the resistors next, using the single-pad method for hand soldering.
- Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

- PCB
- 4x 2 position Headers
- Red LED
- Thick Film Resistors - SMD 51 Ohms 250 mW 1206

FRONT

PERSONAL MINIBADGE

Golden Honmoon

Designed By: r0gu3bull3t

The Honmoon in K-pop Demon Hunters is a magical shield, created from the power of K-pop songs, that separates the human world from the demon realm. I thought it was the perfect addition to my K-pop Demon Hunters series.

BACK

DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

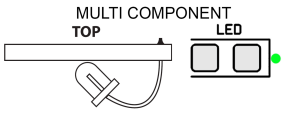
HOW DO I GET ONE?

Ask nicely, even better, trade with me.

ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so the resister, then the LED, then solder the header pins. The LED might be a bit tricky. It is a through-hole LED that is intended to be soldered on the SMD pads. You will want to carefully bend the legs of the LED so that the bulb is pointing at the back of the badge, then trim the legs.
https://docs.google.com/document/d/1jlPteIkBmxEKi8HqBCBkcCukd1DIjwbMKKJ7IPN2IvM/edit?usp=sharing

BOARD/LED TYPE:



PARTS USED:

1206 100 ohm resistor
Yellow Flickering THT LED

BOARD HOUSE USED:

PCBBUY

PART OF SET:

KPop Demon Hunters 1 of 6

FRONT

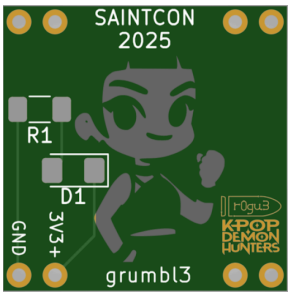
PERSONAL MINIBADGE

Zoey

Designed By: r0gu3bull3t

Zoey is one of the members of the K-pop Demon Hunters group, Huntrix who lead double lives as demon hunters. Thanks to grumb3 for help with the graphics!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

Trade with me

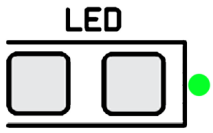
ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so the LED and the resistor, then do the header pins.

https://docs.google.com/document/d/1jlPteIkBmxEKi8HqBCBkcCukd1DIjwbMKKJ7IPN2IvM/edit?usp=sharing

REPAIR NOTE: The LED is backwards so put the cathode on the open end.

BOARD/LED TYPE:



PARTS USED:

1206 White LED
1206 100 ohm resistor

BOARD HOUSE USED:

PCBBUY

PART OF SET:

K-Pop Demon Hunters set 2 of 6

FRONT

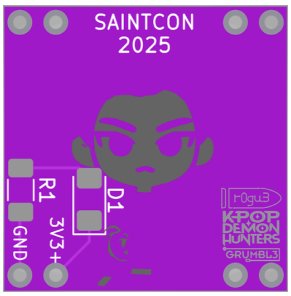
PERSONAL MINIBADGE

Rumi

Designed By: r0gu3bull3t

Rumi is one of the members of the K-pop Demon Hunters group, Huntrix who lead double lives as demon hunters. Thanks to grumb3 for help with the graphics!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

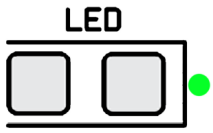
Trade with me

ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so LED and resistor, then do the header pins.

REPAIR NOTE: The LED is backwards so put the cathode on the open end.

BOARD/LED TYPE:



PARTS USED:

1206 White LED
1206 100 ohm resistor

BOARD HOUSE USED:

PCBBUY

PART OF SET:

K-pop Demon Hunters 3 of 6

FRONT

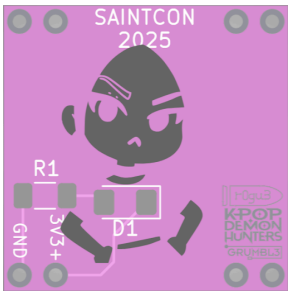
PERSONAL MINIBADGE

Mira

Designed By: r0gu3bull3t

Mira is one of the members of the K-pop Demon Hunters group, Huntrix who lead double lives as demon hunters. Thanks to grumb3 for help with the graphics!

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

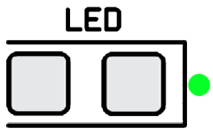
Trade with me!

ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so LED and resistor, then do the header pins.

REPAIR NOTE: The LED is backwards so put the cathode on the open end.

BOARD/LED TYPE:



PARTS USED:

1206 White LED
1206 100 ohm resistor

BOARD HOUSE USED:

PCBBUY

PART OF SET:

K-pop Demon Hunter 4 of 6

FRONT

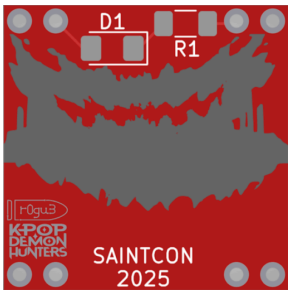
PERSONAL MINIBADGE

Saja Boys

Designed By: r0gu3bull3t

K-pop Demon Hunters' boy band heart throbs, the Saja Boys, who are secretly demons. The silhouette on the back is Gwi-Ma, the real bad guy of the movie

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

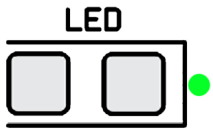
HOW DO I GET ONE?

Trade with me!

ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so LED and resistor, then do the header pins.
https://docs.google.com/document/d/1jlPteIkBmxEKi8HqBCBkcCukd1DIjwbMKKJ7IPN2IvM/edit?usp=sharing

BOARD/LED TYPE:



PARTS USED:

1206 White LED
1206 100 ohm resistor

BOARD HOUSE USED:

PCBBUY

PART OF SET:

K-pop Demon Hunters 5 of 6

FRONT

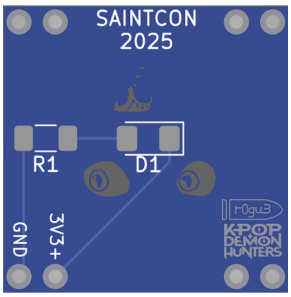
PERSONAL MINIBADGE

Derpy & Sussie

Designed By: r0gu3bull3t

Derpy & Sussie are two supernatural creatures who were both the former pets of Jinu, one of the Saja Boys.

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

HOW DO I GET ONE?

Trade with me

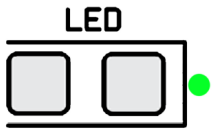
ASSEMBLY INSTRUCTIONS:

I always recommend starting with the smallest components first, so LED and resistor, then do the header pins.

https://docs.google.com/document/d/1jlPteIkBmxEKi8HqBCBkcCukd1DIjwbMKKJ7IPN2IvM/edit?usp=sharing

REPAIR NOTE: The LED is backwards so put the cathode on the open end.

BOARD/LED TYPE:



PARTS USED:

1206 White LED
1206 100 ohm resistor

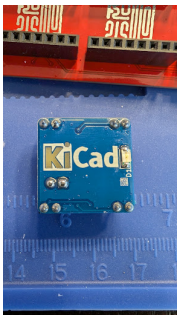
BOARD HOUSE USED:

PCBBUY

PART OF SET:

K-pop Demon Hunters 6 of 6

FRONT



BACK

PERSONAL MINIBADGE

KiCad

Designed By: RuShan

Learning how to use KiCad to make minibadges can be difficult. I made a series of videos on my YouTube channel and this is the end product of the main series.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

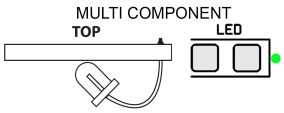
HOW DO I GET ONE?

Be a subscriber and created a minibadge using the videos

ASSEMBLY INSTRUCTIONS:

https://youtu.be/mFDyi_9qCvU

BOARD/LED TYPE:

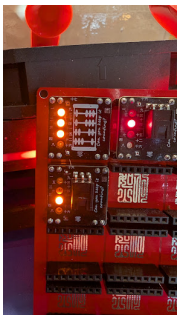


PARTS USED:

BOARD HOUSE USED:

Elecrow

FRONT



BACK

PERSONAL MINIBADGE

Counter

Designed By: RuShan

Counting minibadge in two forms as one has an encoder and the other does not. The badges can be daisy chained together to add 4-bits per link. Fun minibadge that has some challenge to it.

DIFFICULTY:

INTERMEDIATE

HOW DO I GET ONE?

Trade/Purchase

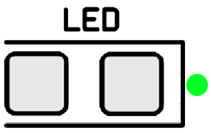
RARITY:

SUPER RARE

ASSEMBLY INSTRUCTIONS:

https://youtu.be/Vaffs_6Zy0U

BOARD/LED TYPE:



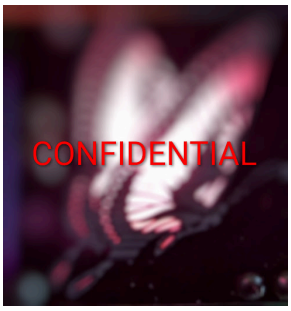
PARTS USED:

BOARD HOUSE USED:

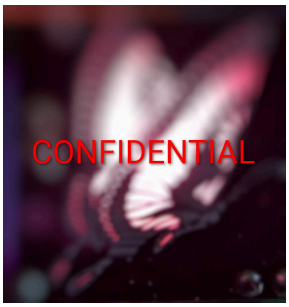
Elecrow

PERSONAL MINIBADGE

FRONT



BACK



Butterfly

Designed By: RuShan

Every year I started doing a butterfly minibadge and this is the fourth year of them. This design is showing how to minimize headers and keeping the square design. A fun easy minibadge.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

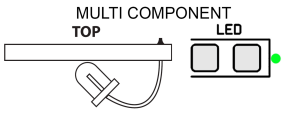
HOW DO I GET ONE?

Trade (included with some other items I do)

ASSEMBLY INSTRUCTIONS:

https://youtube.com/playlist?list=PL53k5dadSZ29DNTdbMR9x_bYZCXyY2ZLY&si=BvMqJ_3PXZLSL1FU

BOARD/LED TYPE:



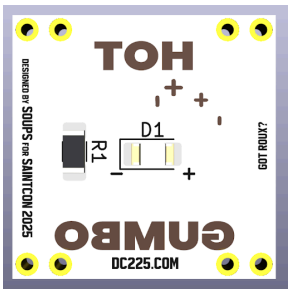
PARTS USED:

BOARD HOUSE USED:

Elecrow

FRONT

BACK



PERSONAL MINIBADGE

DC225 HOT GUMBO

Designed By: s0ups

In south Louisiana, we love our culture. And our sometimes unique cuisine is a huge part of that! We'll have a few DC225 members attending SAINTCON for the first time this year and wanted to have a way of sharing the experience and our culture with others, so we designed this!

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

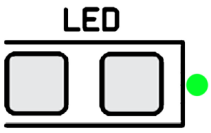
HOW DO I GET ONE?

Find someone from DC225. Some of us have unmistakable Louisiana accents...some don't!

ASSEMBLY INSTRUCTIONS:

Simply solder the two components and headers.

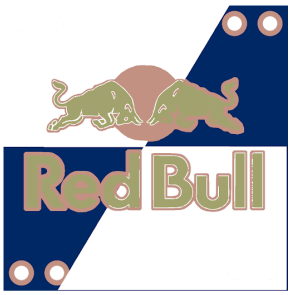
BOARD/LED TYPE:



PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK

Red Bull

Designed By: s3id3n

The classic Red Bull logo. It's a favorite amongst extreme sports enthusiasts. Although certainly not on that level, I too enjoy a can from time to time.

DIFFICULTY:

BEGINNER

RARITY:

RARE

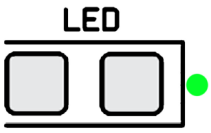
HOW DO I GET ONE?

Trade/Ask

ASSEMBLY INSTRUCTIONS:

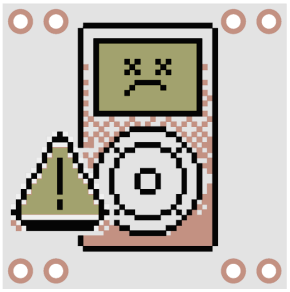
Use single pad method to solder on surface mount components.
Attach 1206 SMD Resistor to the pads with the two lines.
Attach Red 1206 SMD LED to the pads with the box, green facing the inside of the box.

BOARD/LED TYPE:

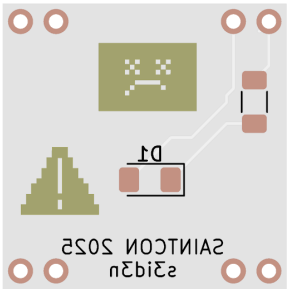


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Dead iPod

Designed By: s3id3n

The dead iPod symbol. Often this error screen would arise due to a failing hard drive. Today, it's hard to imagine carrying around an actively spinning mechanical drive in your pocket!

DIFFICULTY:

BEGINNER

RARITY:

RARE

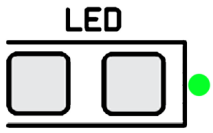
HOW DO I GET ONE?

Trade/Ask

ASSEMBLY INSTRUCTIONS:

Use single pad method to solder on surface mount components.
Attach 1206 SMD Resistor to the pads with the two lines.
Attach White 1206 SMD LED to the pads with the box, green facing the inside of the box.

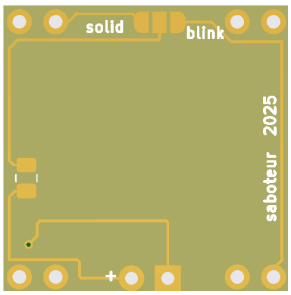
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Do It Lady!

Designed By: saboteur

A badge inspired by the web series character Chit, featuring his iconic catchphrase 'Do it lady'

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

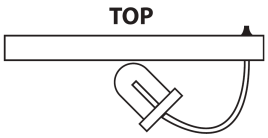
HOW DO I GET ONE?

Find or trade with me

ASSEMBLY INSTRUCTIONS:

Solder the long leg (+) to the circle hole
Solder the short leg (-) to the square hole

BOARD/LED TYPE:



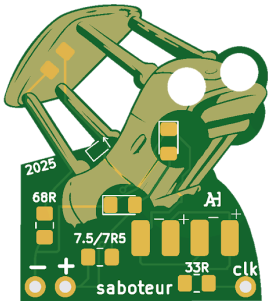
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

The Grannies

Designed By: saboteur

Based on the Bluey characters,

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

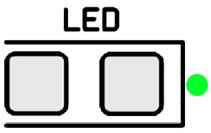
HOW DO I GET ONE?

Find or trade with me

ASSEMBLY INSTRUCTIONS:

Solder resistors first. Match values to the labels on the PCB silkscreen.(7.5=blue|68=green)
Solder the topmost LED (yellow) with the cathode (marked with a green line) downward.
Solder the two inner LEDs (purple). For the first LED, orient the cathode to the left. For the second LED, orient the cathode upward.
Solder the two through-hole LEDs into the remaining pads as marked on the PCB. After soldering, gently bend the LEDs so they point into the holes (hazard lights). Ensure none of the LED leads are touching each other.

BOARD/LED TYPE:



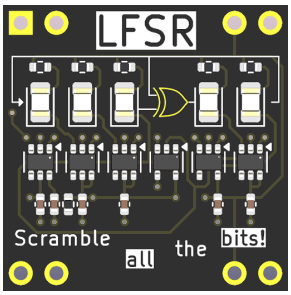
PARTS USED:

BOARD HOUSE USED:

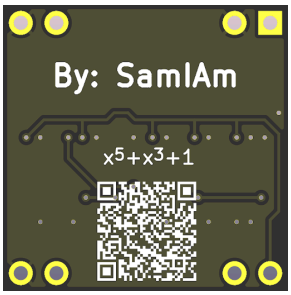
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



LFSR

Designed By: SamIAm

A five bit linear feedback shift register (LFSR) implemented with discrete logic gates. LFSRs are used for scrambling the physical layer of various protocols such as USB, Ethernet, and PCIe. They are also useful for blinking LEDs!

DIFFICULTY:

BEGINNER

RARITY:

RARE

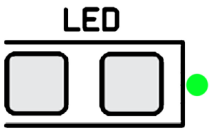
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

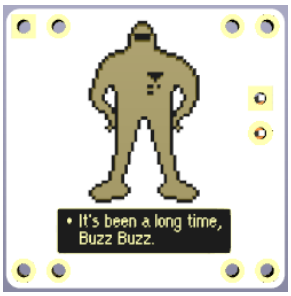
It is preassembled. Solder 0.1" header pins in the four corners.

BOARD/LED TYPE:



PARTS USED:

FRONT



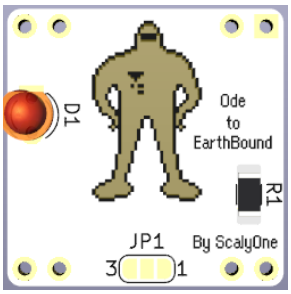
PERSONAL MINIBADGE

Starman

Designed By: ScalyOne

This badge was created as a tribute to classic RPGs, inspired by the intro arc of the SNES game EarthBound. Quirky and heartfelt, it captures the spirit of a game that broke genre conventions by bringing a modern day setting into the world of a RPG adventure.

BACK



DIFFICULTY:

BEGINNER

RARITY:

RARE

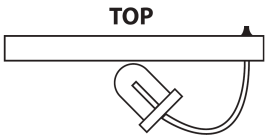
HOW DO I GET ONE?

Trade with me.

ASSEMBLY INSTRUCTIONS:

1. Solder on the single resistor to R1, orientation does not matter.
2. Place LED into D1 through-holes and ensure that the anode goes into the round through hole and the length is appropriate for bending the LED legs to position it behind the Starman figure.
3. Split the eight header pins into groups of two, and solder those into the four corners.
4. Optionally the jumper can be soldered to have the badge blink or remain solid.

BOARD/LED TYPE:

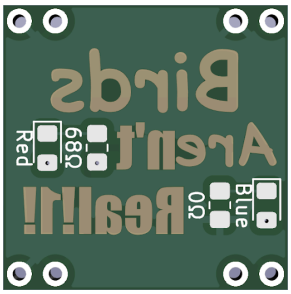


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



Birds Aren't Real

Designed By: slever

Have you ever actually seen a bird? No you haven't. In this essay I will.....

DIFFICULTY:

BEGINNER

RARITY:

RARE

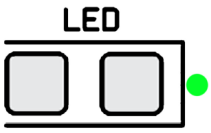
HOW DO I GET ONE?

Just Ask for one

ASSEMBLY INSTRUCTIONS:

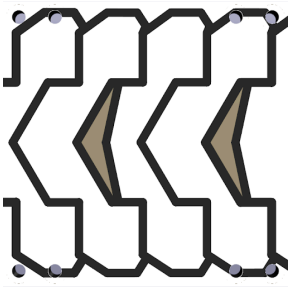
Begin on the back side
Solder the Blue LED first, using the single-pad method for hand soldering
Solder the 0Ω resistor, using the single-pad method for hand soldering
Solder the 68Ω resistor, using the single-pad method for hand soldering
Solder the Red LED, using the single-pad method for hand soldering
Solder the 4x 2-Position headers

BOARD/LED TYPE:

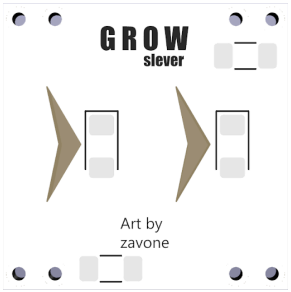


PARTS USED:

FRONT



BACK



PERSONAL MINIBADGE

Factorio Transport Belt

Designed By: slever

The Factory Must Grow.

DIFFICULTY:

BEGINNER

RARITY:

RARE

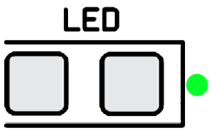
HOW DO I GET ONE?

Just Ask for one

ASSEMBLY INSTRUCTIONS:

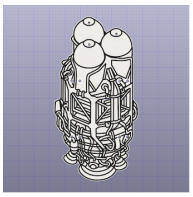
Begin on the back side first.
Solder the LED(s) first, using the single-pad method for hand soldering.
Solder the Resistor(s) using the same single-pad method for hand soldering.
Solder the 4x 2-Position headers.

BOARD/LED TYPE:



PARTS USED:

FRONT



PERSONAL MINIBADGE

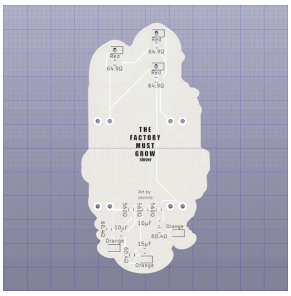
Factorio Rocket

Designed By: slever

Ran out of planet? No problem.

The Factory MUST grow.

BACK



DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

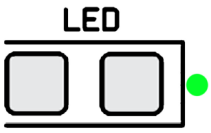
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Begin on the back side first
Solder the 64.9Ω Resistors using the single-pad method for hand soldering
Solder the 60.4Ω Resistors using the same single-pad method for hand soldering
Solder the 560Ω Resistors using the same single-pad method for hand soldering
Solder the 10µF Capacitors using the same single-pad method for hand soldering
Solder the 15µF Capacitor using the same single-pad method for hand soldering
Solder the Orange LEDs using the same single-pad method for hand soldering
Solder the Red LEDs upside down by placing a ball of solder on your iron to bridge the LED to the pad
Solder the 4x 2-Position headers taking care to not overheat the colors on the front side

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

PERSONAL MINIBADGE

Route 66

Designed By: Super Grover and klipper

Route 66 is famous for its beautiful views and authentic vibes. In certain circles, it means something more. Your last 6 months of accomplishments build you the credit you'll need for the next 6 months of initiatives.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

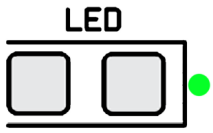
HOW DO I GET ONE?

Come introduce yourself and trade with me! I love meeting new friends!

ASSEMBLY INSTRUCTIONS:

Follow the silkscreen!

BOARD/LED TYPE:



PARTS USED:

FRONT

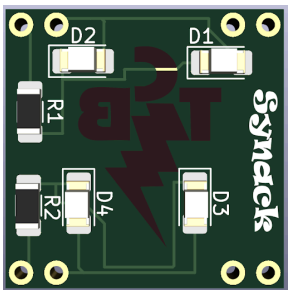
PERSONAL MINIBADGE

TCB

Designed By: Synack

This was an idea that I came up with because we are always saying taking care of business.

BACK



DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

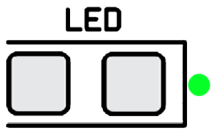
HOW DO I GET ONE?

Message me in Discord

ASSEMBLY INSTRUCTIONS:

none

BOARD/LED TYPE:



PARTS USED:

4 White surface mount LED and 2 surface mount resisters

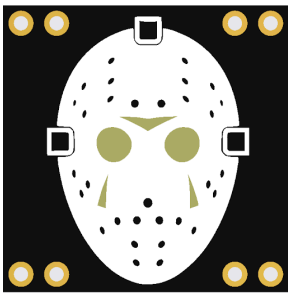
PART OF SET:

No

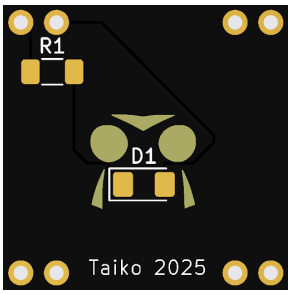
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Jason Mask

Designed By: Taiko

A spooky homage to the legendary horror icon, reimagined in circuit board form. Whether you're haunting the soldering station or just lurking in the con halls, this badge is sure to get attention (and maybe a few nervous glances).

DIFFICULTY:

BEGINNER

RARITY:

RARE

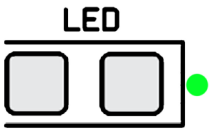
HOW DO I GET ONE?

Trade with me!

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.
- Solder the LED to D1 first, using the single-pad method for hand soldering.
- Solder the resistor to R1 using the same single-pad method for hand soldering.
- Solder the 4x 2-Position headers, with the artwork facing out.

BOARD/LED TYPE:



PARTS USED:

BOARD HOUSE USED:

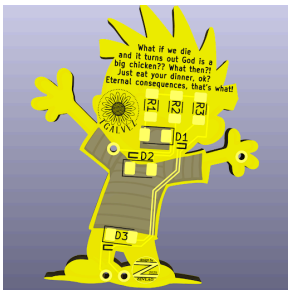
JLCPCB

PART OF SET:

No

FRONT

BACK



PERSONAL MINIBADGE

But what if God is a big Chicken?!

Designed By: TGalvez & Zevlag

What if we die and it turns out God is a big chicken??
What then?!
Just eat your dinner, ok?
Eternal consequences, that's what!

DIFFICULTY:

BEGINNER

RARITY:

COMMON

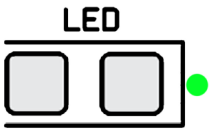
HOW DO I GET ONE?

"Sometime I think the surest sign that intelligent life exists elsewhere in the universe, is that none of it has tried to contact us." Find TGalvez or Zevlag and prove your intelligence, bring your favorite Calvin or Hobbes panel.

ASSEMBLY INSTRUCTIONS:

- Solder all the LEDs first, D1 and D2 and D3
- Solder all the Resistors next, R1 and R2 and R3
- Solder the 2-Position headers
- Cut a 2-position header in half, Then solder the 2 single position headers
- Check your soldering, does it look good?
- Hooray! You did it! Plug it in!

BOARD/LED TYPE:



PARTS USED:

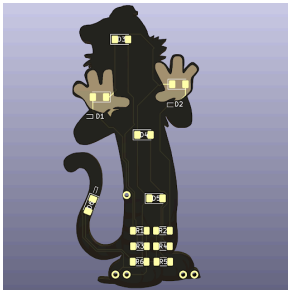
3x 1206 SMD Red LED
3x 1206 51 ohm resistor

BOARD HOUSE USED:

PCBBuy

FRONT

BACK



PERSONAL MINIBADGE

Things are never quite as scary when you've got a best friend

Designed By: TGalvez & Zevlag

"There's never enough time to do all the nothing you want."

DIFFICULTY:

BEGINNER

RARITY:

COMMON

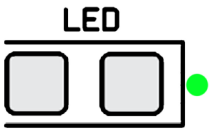
HOW DO I GET ONE?

Find TGalvez or Zevlag and tell me what some of the nothing want to do is.

ASSEMBLY INSTRUCTIONS:

- Solder all the LEDs first, D1, D2, D3, D4, D5, D6
- Solder all the Resistors next, R1, R2, R3, R4, R5, R6
- Solder the 2-Position headers
- Cut a 2-position header in half, Then solder the 1 single position header
- Check you soldering, does it look good?
- Hooray! You did it! Plug it in!

BOARD/LED TYPE:



PARTS USED:

6x 1206 SMD Orange LED
6x 1206 75 ohm resistor

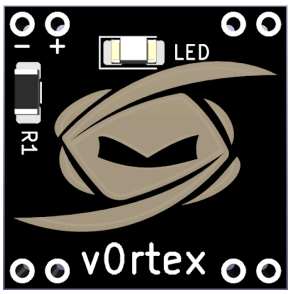
BOARD HOUSE USED:

PCBBuy

PERSONAL MINIBADGE

FRONT

BACK



Personal minibadge of v0rtex

Designed By: v0rtex

I've had a personal logo I created years ago and decided it would be fun to make it into a minibadge. Nothing special.

DIFFICULTY:

BEGINNER

RARITY:

RARE

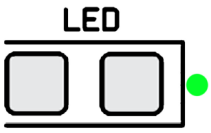
HOW DO I GET ONE?

Trades would be great

ASSEMBLY INSTRUCTIONS:

Similar to many other minibadges... just solder on the LED, resistor and pins

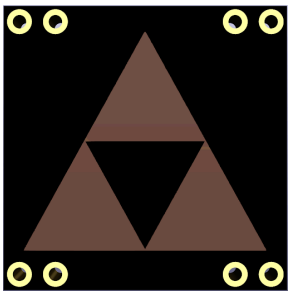
BOARD/LED TYPE:



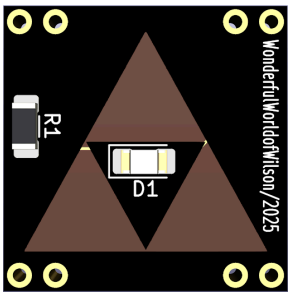
PARTS USED:

PERSONAL MINIBADGE

FRONT



BACK



Triforce

Designed By: WonderfulWorldofWilson

Triforce form Lengend of Zelda Nintendo

DIFFICULTY:

BEGINNER

RARITY:

RARE

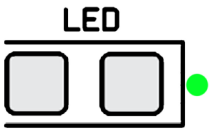
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the LED into the middle D1
Make sure its aligned Right
Solder the Resistor onto R1

BOARD/LED TYPE:



PARTS USED:

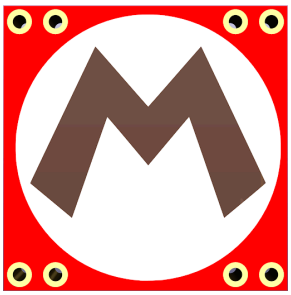
LED SMD 1206 Yellow
Resistor SMD 1206 100R

BOARD HOUSE USED:

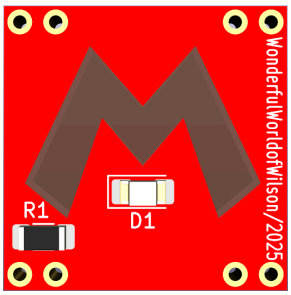
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



Mario Emblem

Designed By: WonderfulWorldofWilson
Mario Emblem from Nintendo

DIFFICULTY:
BEGINNER

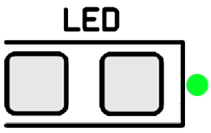
RARITY:
SUPER RARE

HOW DO I GET ONE?
Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the LED into the middle D1
Make sure its aligned Right
Solder the Resistor onto R1

BOARD/LED TYPE:

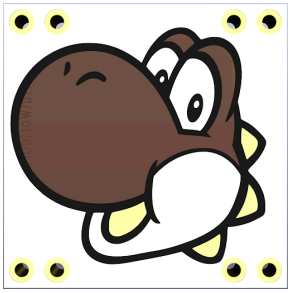


PARTS USED:
LED SMD 1206 Red
Resistor SMD 1206 100R

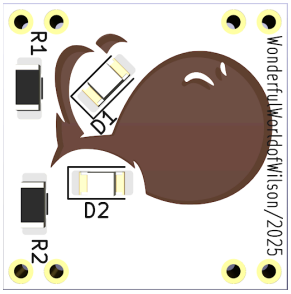
BOARD HOUSE USED:
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



Yoshi

Designed By: WonderfulWorldofWilson

Yoshi from Nintendo that will be 1 of 6 colors

DIFFICULTY:

BEGINNER

RARITY:

RARE

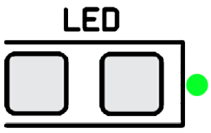
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the LEDs onto D1 & D2
Make sure its aligned right
Solder the Resistor onto R1 & R2

BOARD/LED TYPE:



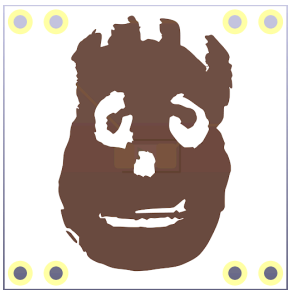
PARTS USED:

BOARD HOUSE USED:

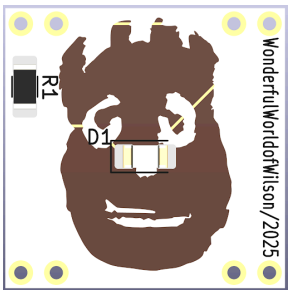
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



Wilson Volleyball

Designed By: WonderfulWorldofWilson

Wilson handprint from Castaway. For the WonderfulWorldofWilson.

DIFFICULTY:

BEGINNER

RARITY:

RARE

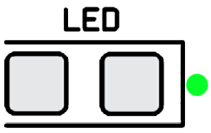
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the LED into the middle D1
Make sure its aligned right
Solder the Resistor onto R1

BOARD/LED TYPE:



PARTS USED:

LED SMD 1206 Red
Resistor SMD 1206 100R

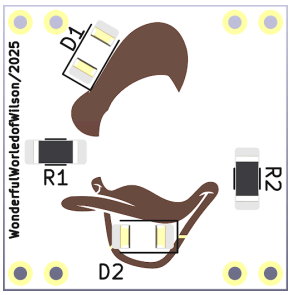
BOARD HOUSE USED:

JLCPCB

PERSONAL MINIBADGE

FRONT

BACK



Donald Duck

Designed By: WonderfulWorldofWilson

Disney's Donald Duck

DIFFICULTY:

BEGINNER

RARITY:

RARE

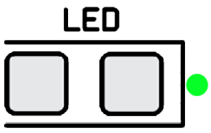
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the Blue LED into the D1
Solder the Orange LED into the D2
Make sure they are aligned properly
Solder the 20R resistor onto R1
Solder the 100R resistor onto R2.

BOARD/LED TYPE:



PARTS USED:

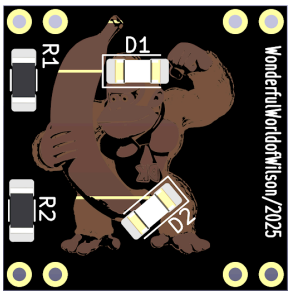
LED SMD 1206 Orange
LED SMD 1206 Blue
Resistor SMD 1206 20R
Resistor SMD 1206 100R

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



PERSONAL MINIBADGE

Donkey Kong Golden Banana

Designed By: WonderfulWorldofWilson

Donkey Kong Golden Banana for Donkey Kong 64 and Donkey Kong Bananza

DIFFICULTY:

BEGINNER

RARITY:

RARE

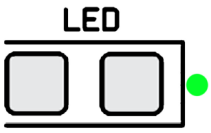
HOW DO I GET ONE?

Trade with me

ASSEMBLY INSTRUCTIONS:

Solder the Resistor onto R1 & R2
Solder the LEDs onto D1 & D2
Make sure they are aligned Right.

BOARD/LED TYPE:



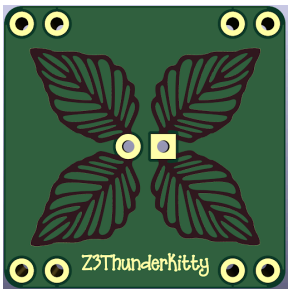
PARTS USED:

2 LED SMD 1206 Yellow
2 Resistor SMD 1206 68R

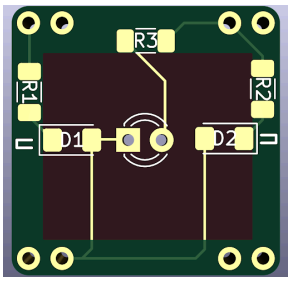
BOARD HOUSE USED:

JLCPCB

FRONT



BACK



PERSONAL MINIBADGE

Blooming Flower

Designed By: Z3ThunderKitty

This wonderful flower has a beautiful glowing leaf pattern with a stunning 3D effect.

DIFFICULTY:

BEGINNER

RARITY:

RARE

HOW DO I GET ONE?

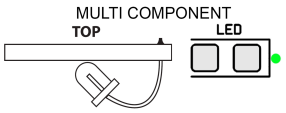
Find Z3ThunderKitty to trade for it.

ASSEMBLY INSTRUCTIONS:

- Begin on the back side first.- LED Direction indicators are on the images.
- Solder the two Green LEDs first, D1 and D2. Solder two Resistors. 51ohm, R1and R2 for Green LED
- Solder one Resistor. 100ohm, R3 for Yellow LED
- Solder the 4x 2-Position headers, yes, do this before the throughole LED
- If necessary, carefully remove the flower from the excess material.
- Put the leads of the LED through the center of the flower
- The Short Lead of the LED goes into the hole with the round pad.

(Note: THIS IS NOT THE STANDARD ORIENTATION!)

BOARD/LED TYPE:



PARTS USED:

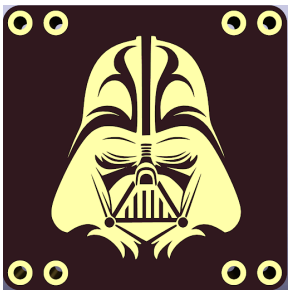
2x 1206 SMD Green LED
2x 1206 51 ohm resistor
1x 3mm Throughhole Yellow LED
1x 1206 100 ohm resistor

BOARD HOUSE USED:

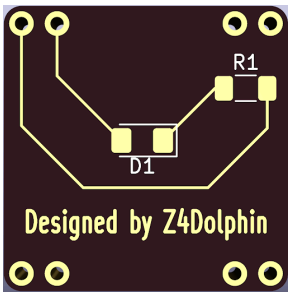
JLCPCB

PERSONAL MINIBADGE

FRONT



BACK



My Minibadge

Designed By: Z4Dolphin

This minibadge is designed fully by a 10 year old. He did the art, the schematic, and the board design all himself.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

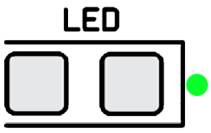
HOW DO I GET ONE?

To get it, record an audio message to tell him how cool you think his minibadge is. Find TGalvez to share it.

ASSEMBLY INSTRUCTIONS:

- Solder the LED
- Solder the Resistor
- Solder the 4x 2-Position headers

BOARD/LED TYPE:



PARTS USED:

1x 1206 SMD Red LED
1x 1206 51 ohm resistor

BOARD HOUSE USED:

JLCPCB

FRONT

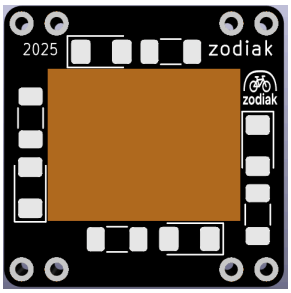
PERSONAL MINIBADGE

Smile. Ride a bike.

Designed By: zodiak

Quick reminder that life is better on 2 wheels.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

HOW DO I GET ONE?

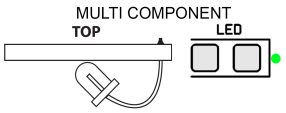
Find zodiak. Tell a story about a bike. Or say hi. Or whatever honestly.

ASSEMBLY INSTRUCTIONS:

Straight forward. Put the LEDs where LEDs go. Resistors where resistors go. Pins where pins go. Or you can trade the LEDs and resistors to trigger the OCD of your neighbors.....

It's a sunset, so put the colors in the order that makes sense to you. It's your minibadge now though, so arrange them however you want.

BOARD/LED TYPE:



PARTS USED:

FRONT

PERSONAL MINIBADGE

I'm zodiak

Designed By: zodiak

A minibadge. Mostly for me.

BACK

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

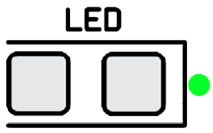
HOW DO I GET ONE?

Be zodiak.

ASSEMBLY INSTRUCTIONS:

It's normal. Green in the garage. Resistors are helpful, but feel free to bodge those pads together for extra brightness.

BOARD/LED TYPE:



PARTS USED:

FRONT

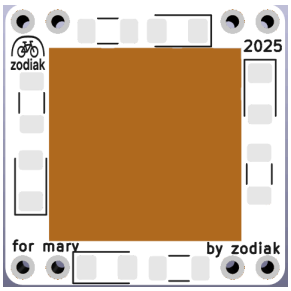
PERSONAL MINIBADGE

Please scan me with your enterprise device.

Designed By: zodiak

Marv wanted a minibadge. I thought I had time. It made it to the conference, so I think we all won.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

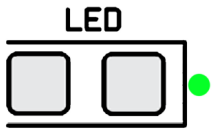
HOW DO I GET ONE?

Find marvthegrate. Tell him about your favorite keyboard switch. There is a right and a wrong answer (Hint: It is definitely Cherry MX Browns).

ASSEMBLY INSTRUCTIONS:

As long as the LEDs and resistors are paired up and oriented correctly, you will get lights.

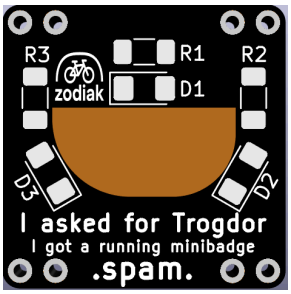
BOARD/LED TYPE:



PARTS USED:

FRONT

BACK



PERSONAL MINIBADGE

Run with Brooks

Designed By: zodiak

spam wanted a minibadge. The idea was hard. So he got something simple.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

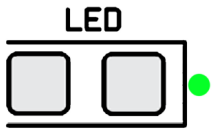
HOW DO I GET ONE?

Find spam. Tell him he should stop running and ride more bikes.

ASSEMBLY INSTRUCTIONS:

To begin the precise and sequential process of installing three 1206 resistors, one must first identify and verify each component against the schematic, confirming that all markings correspond exactly. Only then should the substrate be prepared, inspecting copper pads for debris or oxidation that could impair soldering. Apply solder paste in a quantity sufficient for reliable contact, yet restrained enough to avoid bridging, using a stencil, syringe, or similarly exacting tool. With the paste in place, position the resistors deliberately—perhaps left to right—ensuring proper alignment before transferring the assembly to a reflow environment. After successful reflow and cooling, repeat the same methodical procedure for three 1206 LEDs—verifying polarity, preparing pads, applying paste, aligning, and reflowing—all executed with an attention to detail verging on ritual. Finally, insert four two-pin headers, ensuring proper alignment with through-holes and avoiding angular stress.

BOARD/LED TYPE:



PARTS USED:

FRONT

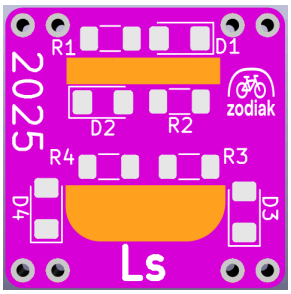
PERSONAL MINIBADGE

Here to Learn Stuff

Designed By: zodiak

Ls wanted to make her first minibadge. She designed everything. It pretty awesome. Super proud of her.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

HOW DO I GET ONE?

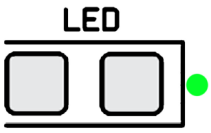
Find zodiak or spam. Trade something to tell Ls thanks for her effort designing things. Can be a minibadge, a sticker, a story, or anything cool really.

If you're around Friday, find Ls and tell her just how awesome the minibadge is.

ASSEMBLY INSTRUCTIONS:

Resistors go between the bars. Green of the LED goes inside the garage. Looks best with hot glue.

BOARD/LED TYPE:



PARTS USED:

FRONT

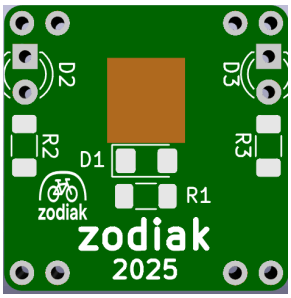
PERSONAL MINIBADGE

This Little Light of Mine

Designed By: zodiak

Everybody has a dumpster fire in their life. Own it.

BACK



DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

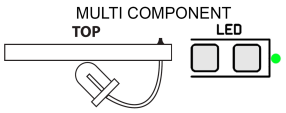
HOW DO I GET ONE?

Find zodiak. He likes stories about dumpster fires. It can be yours, his, or somebody else's.

ASSEMBLY INSTRUCTIONS:

Bend the through hole LEDs into a rainbow. The short leg goes into the square hole. point the tip of the minibadge at the square in the back of the minibadge. It's a fire. Variety is good. Point it where you want, move them around. See what looks good to you. Do that.

BOARD/LED TYPE:

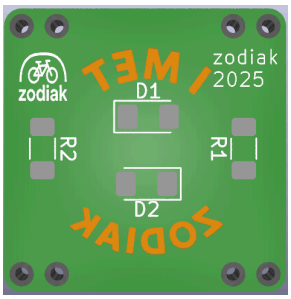


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



I Met zodiak!

Designed By: zodiak

SAINTCON is about meeting people. The biggest benefit you can get is the people you meet.This minibadge is to remind you to take the time to meet new people.

DIFFICULTY:

BEGINNER

RARITY:

UNCOMMON

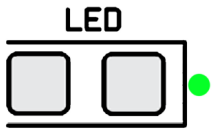
HOW DO I GET ONE?

Walk up to zodiak. Say: "Hi! I'm <insert name here>."

ASSEMBLY INSTRUCTIONS:

Put the LEDs and resistors on the board. They light up when connected to a power source. Everybody wins.

BOARD/LED TYPE:



PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK

zodiak's foot

Designed By: zodiak

Bringing back a classic. Because it's fun.

DIFFICULTY:

BEGINNER

RARITY:

RARE

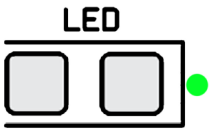
HOW DO I GET ONE?

zodiak has them. Will share when he can.

ASSEMBLY INSTRUCTIONS:

Solder the LED and resistor. Then the pins.

BOARD/LED TYPE:

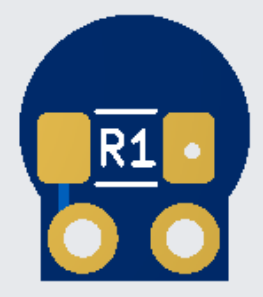


PARTS USED:

PERSONAL MINIBADGE

FRONT

BACK



Microbadge mk I

Designed By: zodiak

Bringing back the microbadge from yesteryear. Found a bag of leftovers, don't want them to go to waste.

DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

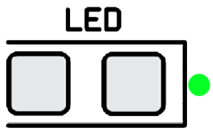
HOW DO I GET ONE?

Ask zodiak nicely.

ASSEMBLY INSTRUCTIONS:

Just 1 resistor, 1 LED, and 2 pins.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

BADGE ACCESSSORY

10x10 Display Case

Designed By: cyberm3n

10x10 Display case that can be used to wall mount both the previous usb-mico and current usb-c powered boards (Saintcon speced boards only). The case can also be used to free stand the 10x10 boards on a shelf, desk, table, & etc.

DIFFICULTY:

BEGINNER

HOW DO I GET ONE?

Find me

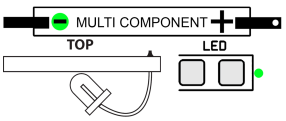
RARITY:

RARE

ASSEMBLY INSTRUCTIONS:

See the included instructions with the case.

BOARD/LED TYPE:



PARTS USED:

BADGE ACCESSSORY

FRONT

BACK

Custom 10x10

Designed By: RuShan

High density 10x10 display with five independent clocks. Also has a custom display to display rj-45 port. Created a 10x10 in the smallest size I could and has either the unofficial board to board connector or USB-C to power it.

DIFFICULTY:

ADVANCED

RARITY:

SUPER RARE

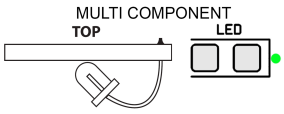
HOW DO I GET ONE?

Purchase

ASSEMBLY INSTRUCTIONS:

https://youtu.be/kRF6jbr1lZQ

BOARD/LED TYPE:

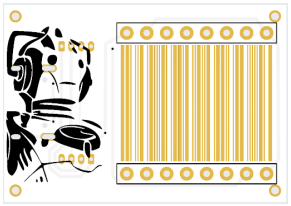


PARTS USED:

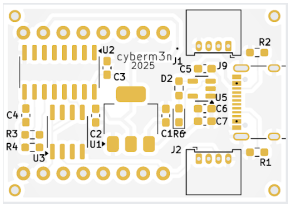
BOARD HOUSE USED:

Elecrow

FRONT



BACK



OTHER

Expandable Display

Designed By: cyberm3n

The idea is that there is a single source of power via USB-C that provides power and clock functionality for up to 8 mini badges, that can/could be worn or displayed in a non-rigid format. The main board, has the ability to connect, "control", and power 7 "daughter"/expander boards through simple picoblade jumper/connector(s).

Or if the non-rigid format isn't your style, possible inlayed into a custom interconnecting brick styled block (Yes, Lego bricks :)).

DIFFICULTY:

INTERMEDIATE

RARITY:

RARE

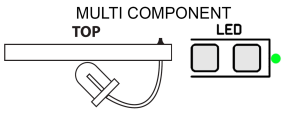
HOW DO I GET ONE?

Find me

ASSEMBLY INSTRUCTIONS:

Detailed Instructions will be found: https://github.com/cyberm3n-org/SC_2025/tbd
Will provide actual link on packaging.

BOARD/LED TYPE:



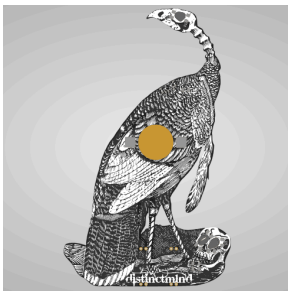
PARTS USED:

BOARD HOUSE USED:

JLCPCB

FRONT

BACK



OTHER

Day of the Dead Turkey v1

Designed By: distinctm1nd

This can be used as either an oversized minibadge or as a standalone badge powered with a battery and worn with a lapel pin.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

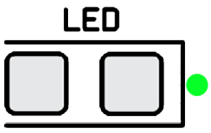
HOW DO I GET ONE?

Equivalent trade or purchase..

ASSEMBLY INSTRUCTIONS:

This badge will come with instructions.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

OTHER

Day of the Dead Turkey v2

Designed By: distinctm1nd

This badge can either be used as a minibadge or as a standalone badge powered with a battery and worn with a lapel pin.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

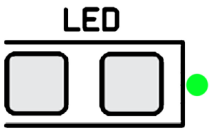
HOW DO I GET ONE?

Equivalent trade or purchase.

ASSEMBLY INSTRUCTIONS:

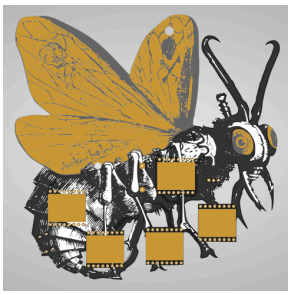
This badge will come with instructions.

BOARD/LED TYPE:

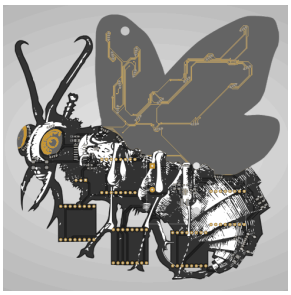


PARTS USED:

FRONT



BACK



OTHER

Beelzebub Minibadge Holder

Designed By: distinctm1nd

Display your horror themed minibadges in style. This minibadge holder has 24 neopixel LEDs that can be programmed with custom themes or you can use the pre-programmed themes. Open source hardware and software. Microcontroller is ATtiny 814. Can be powered with USB or batteries.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

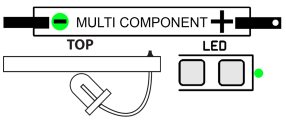
HOW DO I GET ONE?

Purchase

ASSEMBLY INSTRUCTIONS:

This minibadge holder will come assembled except for the minibadge headers and the optional battery holder.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

OTHER

Krampus Minibadge Holder

Designed By: distinctm1nd

Be good or Krampus will steal your minibadges. This minibadge holder has 5 neopixel LEDs that can be programmed with custom themes or use pre-programmed themes. Open source hardware and software. Microcontroller is ATtiny 814. Has pin access to microcontroller for dev work. Can be powered with USB or batteries.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

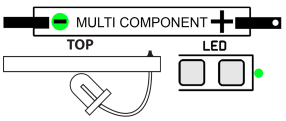
HOW DO I GET ONE?

Purchase

ASSEMBLY INSTRUCTIONS:

Minibadge holder will come assembled except the minibadge headers and optional battery holder.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

OTHER

Beelezbub Art Board

Designed By: distinctm1nd

I will have a few of these available. Note, that this is only an art board so it doesn't have any electronics.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

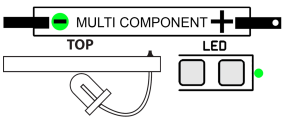
HOW DO I GET ONE?

Equivalent trade or purchase.

ASSEMBLY INSTRUCTIONS:

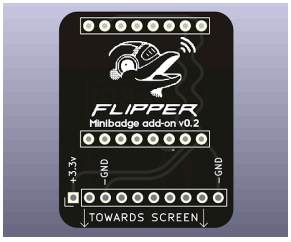
Nothing to assemble.

BOARD/LED TYPE:

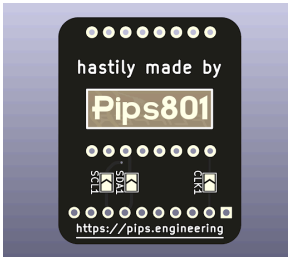


PARTS USED:

FRONT



BACK



OTHER

Flipper Zero to Minibadge add-on

Designed By: Pips

This badge allows you to use your Flipper Zero to display a Minibadge! It also allows you to connect to I2C and talk to Minibadges that use I2C!

DIFFICULTY:

BEGINNER

RARITY:

RARE

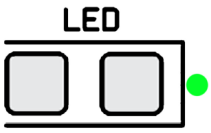
HOW DO I GET ONE?

Trade with me!

ASSEMBLY INSTRUCTIONS:

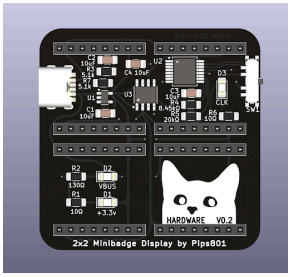
Solder the 1x10 pin header row downwards. Solder the 2x 1x8 pin sockets facing upwards. Optionally, bridge the SDA and SCL pads and use a Flipper Zero app that can read I2C communications. Do not bridge the CLK pad - it does not work correctly for badges that use CLK for alternating light patters.

BOARD/LED TYPE:

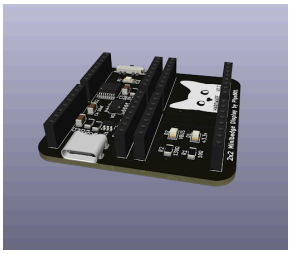


PARTS USED:

FRONT



BACK



OTHER

2x2 Minibadge Display

Designed By: Pips

A compact 2x2 Minibadge display with the same clock module as the 10x10 minibadge grid. If this device works well, it can be scaled up to 10 minibadges (probaby 9, 3x3 grid) without changing out any components or altering the diagram. The USB-C port is Charge only and is configured with a 5.1k pulldown resistor to request 5V, however you are limited to approx 500mA from the DC-DC converter.

DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

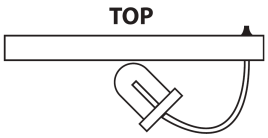
HOW DO I GET ONE?

Purchase one from me

ASSEMBLY INSTRUCTIONS:

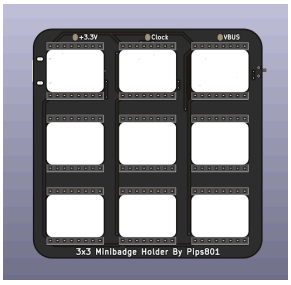
Solder pin sockets

BOARD/LED TYPE:



PARTS USED:

FRONT



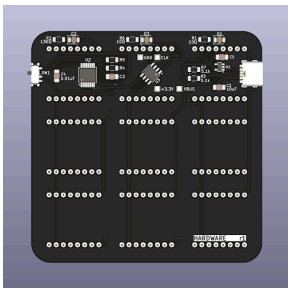
OTHER

3x3 Minibadge Display

Designed By: Pips

A 3x3 Minibadge display with the same clock module as the 10x10 minibadge grid. The USB-C port is Charge only and is configured with a 5.1k pulldown resistor to request 5V, however you are limited to approx 500mA@3.3v from the DC-DC converter.

BACK



DIFFICULTY:

BEGINNER

RARITY:

SUPER RARE

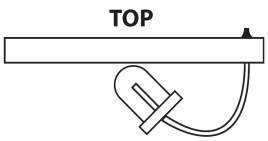
HOW DO I GET ONE?

Purchase one from me

ASSEMBLY INSTRUCTIONS:

Using a pre-soldered minibadge as a guide/holder, solder all pin sockets. Screw Acrylic plate on. Stick feet pads on bottom.

BOARD/LED TYPE:



PARTS USED:

FRONT

BACK

OTHER

Minibadge Name Tag

Designed By: RuShan

This is a custom name tag display for a single minibadge. Custom 3D printable case and name plate (that is hot swappable). Kit comes with name tag magnets for case and battery with all the parts.

DIFFICULTY:

INTERMEDIATE

RARITY:

SUPER RARE

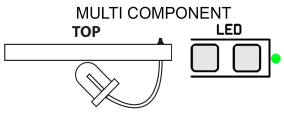
HOW DO I GET ONE?

Purchase

ASSEMBLY INSTRUCTIONS:

https://youtu.be/jlPiVKH3OQ4

BOARD/LED TYPE:



PARTS USED:

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PG. 7	Arctic Wolf MicroBadge Extender Display	
PG. 8	Red Team | Arctic Wolf	
PG. 9	Blue Team | Arctic Wolf	
PG. 10	Purple Team | Arctic Wolf	
PG. 11	Black Badge | Arctic Wolf	
PG. 12	Protect your "Pie"	
PG. 13	Fortinet Spider	
PG. 14	UVCC Utah Valley Convention Center	
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PG. 35	AppSec Community MiniBadge	
PG. 36	ID/IOT Community MiniBadge	
PG. 37	Healthcare Hacking Community MiniBadge	
PG. 38	RFID/NFC Community Minibadge	
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PG. 55	The VAULT Contest MiniBadge	
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PG. 58	Fox Hunt Contest MiniBadge	
PG. 59	NETWORK Games Contest Minibadge	
PG. 60	MARC 1 Contest MiniBadge	
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PG. 63	Lan Cable Contest MiniBadge	
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PG.	MiniBadge Name	IMAGE
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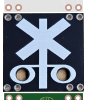
PG. 67	Health Care Hacking Community Prize Badge	
PG. 68	MiniBadge Community Bingo MiniBadge	
PG. 69	MiniBadge Community Bingo BLACKOUT MiniBadge	
PG. 70	The Beast (OTGW)	
PG. 71	Willy Wonka 2 - The Electric Boogaloo	
PG. 72	Pudgy	
PG. 73	Snoopy A10 Ace	
PG. 74	Squid Game Guard	
PG. 75	Darknet Diaries	
PG. 76	Princess Donut	
PG. 77	Big Boy Pants	
PG. 78	Kiss Army	
PG. 79	Be a Tool (Minibadge) Rebel!	
PG. 80	Brucifer 2025	
PG. 81	BUFFNERD	
PG. 82	I Pity the Fool	
PG. 83	Tesseract	
PG. 84	Railroad Crossbuck	
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PG. 87	TerminalMan		PG. 107	Beware the Poultrygeist	
PG. 88	DS_Bonfire		PG. 108	American Gothic	
PG. 89	Micro 1337		PG. 109	Art the Clown Minibadge	
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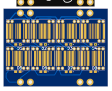
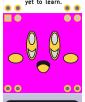
PG. 91	I AM ARCTICUS		PG. 111	The Lorax	
PG. 92	For Awareness		PG. 112	Totoro	
PG. 93	Gear or War		PG. 113	SaintBop	
PG. 94	2x4 Microbadge Display		PG. 114	Pokeball	
PG. 95	Micro Hacker		PG. 115	Masterball	
PG. 96	Nuke-IT		PG. 116	Raw Logging	
PG. 97	Helmet of Power		PG. 117	Meta Knight	
PG. 98	Time and Relative Dimension in Space (TARDIS - Bad Wolf)		PG. 118	Kirby	
PG. 99	Mira | KDH		PG. 119	Compy 386	
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PG. 101	Rumi | KDH		PG. 121	Helldiver Skull	
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PG. 127	Sneetches		PG. 147	Handmaid	
PG. 128	Ensign Emblem		PG. 148	Tariff Penguin	
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PG. 130	Perrine Bridge		PG. 150	Goosebumps	
PG. 131	Potato Glados		PG. 151	D.A.R.E	
PG. 132	ESPHome Badge		PG. 152	TY	
PG. 133	Berly Old Skool MiniBadge		PG. 153	Mini Stanley	
PG. 134	Jup1t3r MiniBadge		PG. 154	Our Queen of I-15	
PG. 135	Noc/Soc		PG. 155	The (fire)Wall	
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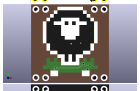
PG. 137	SAINTCON Discord Channel		PG. 157	Cheap Sheep	
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PG. 140	WeeWoo2		PG. 160	Dixie Power	
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PG. 167	Improv Ave		PG. 187	Oogie	
PG. 168	Derpy		PG. 188	Saintcon Mushrooms	
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PG. 173	Weapon of Brass Destruction Badge		PG. 193	Utah Valley University	
PG. 174	Jevil Badge		PG. 194	The Twilight Zone	
PG. 175	CERTIFIED [[BIG SHOT]] Badge		PG. 195	Spider-Man and Venom	
PG. 176	Kris Badge		PG. 196	Fraggle Rock	
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PG. 211	BMW		PG. 231	Counter	
PG. 212	Scratch and Sniff		PG. 232	Butterfly	
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PG. 214	Bible Study at ABGs		PG. 234	Red Bull	
PG. 215	Hang in there!		PG. 235	Dead iPod	
PG. 216	I almost DIED at the CheckPoint party		PG. 236	Do It Lady!	
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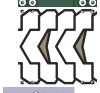
PG. 220	Microbadge V2 Minibadge		PG. 240	Birds Aren't Real	
PG. 221	Julia Reagan		PG. 241	Factorio Transport Belt	
PG. 222	Ghost in a Shell. A Cyberpunk reference in a Cyberpunk reference.		PG. 242	Factorio Rocket	
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PG. 252	Wilson Volleyball	
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PG. 254	Donkey Kong Golden Banana	
PG. 255	Blooming Flower	
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PG. 257	Smile. Ride a bike.	
PG. 258	I'm zodiak	
PG. 259	Please scan me with your enterprise device.	
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PG. 261	Here to Learn Stuff	
PG. 262	This Little Light of Mine	
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PG.	MiniBadge Name	IMAGE
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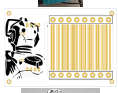
PG. 268	Expandable Display	
PG. 269	Day of the Dead Turkey v1	
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