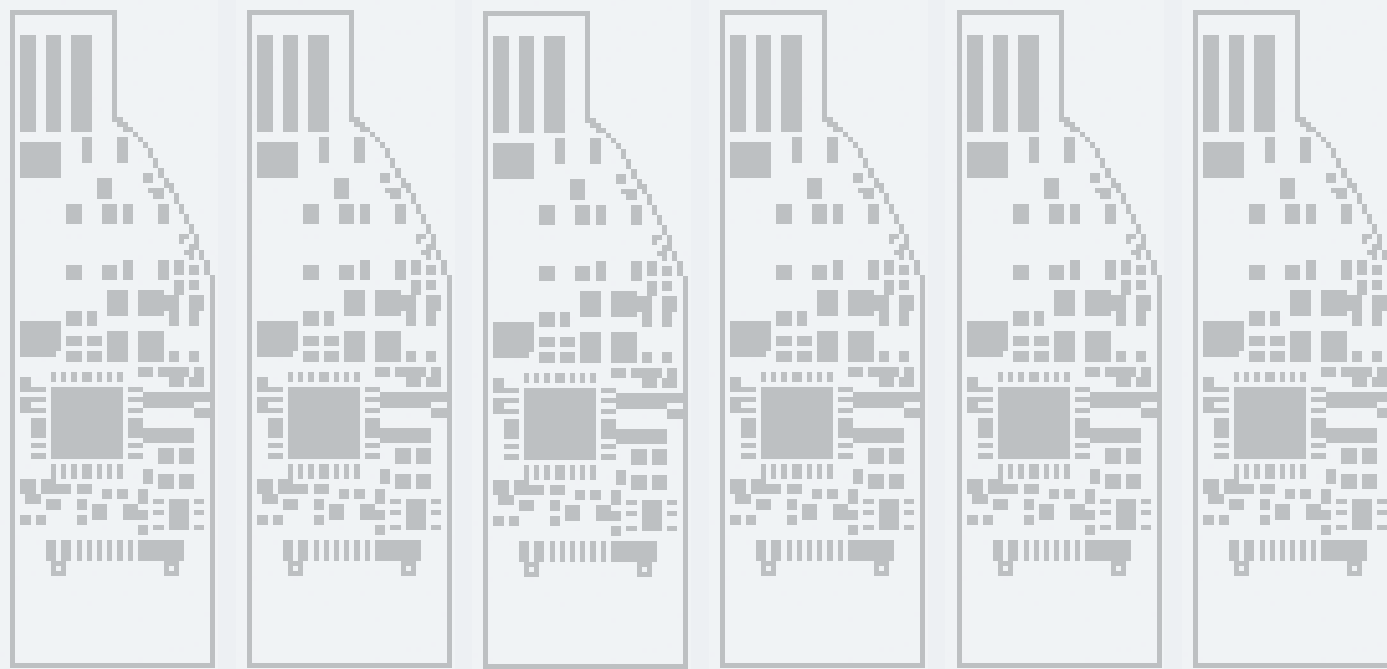
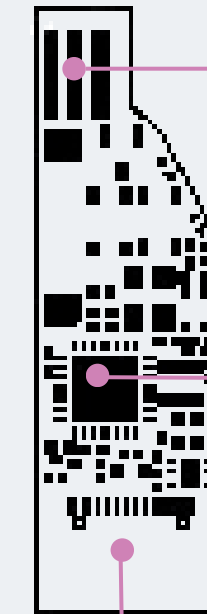




Rude!b!inken



Specs



LED-Strip

ESP32-C3

USB Type C

meow :3

Materials & Tools

Cat ears
Rudelblinken PCB
LED Strip
Soldering iron
Clippers
Hot glue

First Step

Remove the excess
tabs from the pcb
with a pair of
pliers

Second Step

Cut the LED strip to
match the length to
the cat ears. Make
one cut right at the
soldering pads of the
LED strips.

Third Step

Remove a part (~1cm)
of the transparent
plastic film on the
side of the LED strip
to reveal the
soldering pads. Note
the polarity of the
LED strip.

Fourth Step

Make sure you actually
removed the transparent
double sided adhesive and
not just the protective
film.

Fifth Step

Also add solder to both
pads of the LED strip.
Again, make sure, you are
working on the correct
end of the strip.

Sixth Step

Use a helping hand to
hold PCB and LED strip in
place. Use an additional
alligator clip to
perfectly align the LED
strip with the PCB.

Seventh Step

Solder the PCB and LED strip together
at 350°C. Hold your soldering iron
onto the first pad and wait until it
melts. Then keep it on the pad for
another 5 seconds. Repeat that for
the second pad. Your LED strip should
be a bit closer to the board than
before.

Eighth Step

Remove the transparent
plastic film from the back
of the LED strip and stick
the LED strip to the cat
ears. Use Glue to stick
the PCB to the cat ears.

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