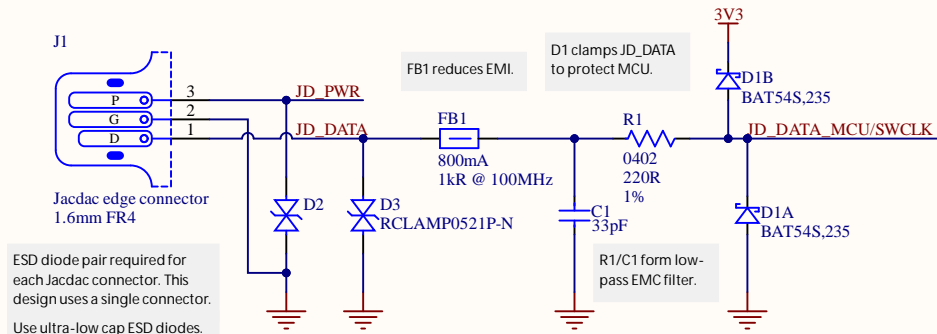
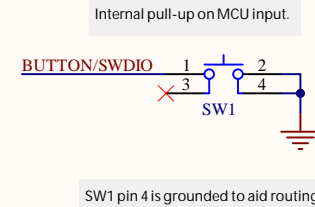


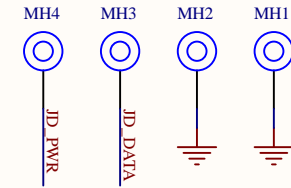
Jacdac connector



Button



Mounting holes



Mounting holes are electrically connected to the Jacdac bus nets so they can be used as an alternative to the PCB edge connector. Please use the following reference designators and net mapping:

MH1 & MH2: GND
MH3: JD_DATA
MH4: JD_PWR

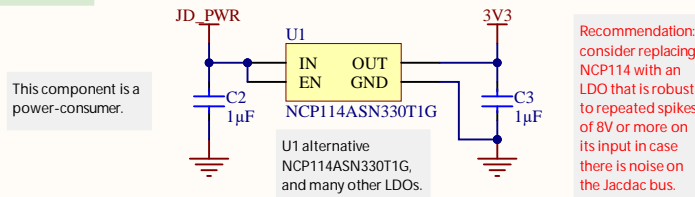
This design uses Jacdac 'small' mounting holes: PTH with finished diameter of 2.1mm, annular copper ring of 3.0mm diameter & copper/component keepout of 5.0mm. The mounting holes must be on 2.5mm pitch. Mounting holes should have appropriate silkscreen marker, and MH1 should have a pin 1 marker on the top side.

This reference design is a guideline. Please refer to the Jacdac docs online at <https://aka.ms/jacdac> for the definitive and most up-to-date information.

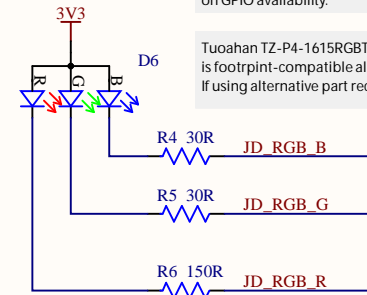
This design uses a 'cute' board shape.

Silkscreen should include text to identify the module type and revision, and optionally a QR code.

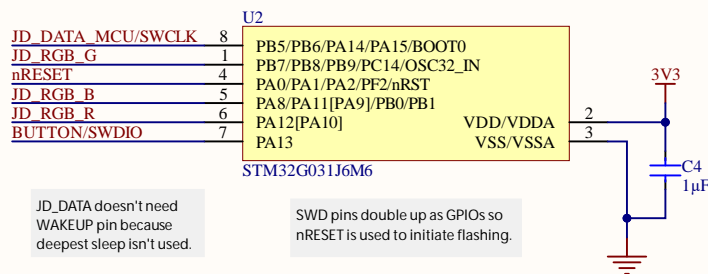
3V3 regulator



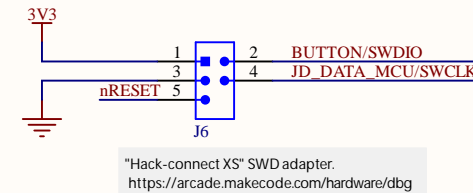
LED



MCU



Programming/debug connector



Microsoft

PROJECT DESCRIPTION
Jacdac button based on STM32 G0 Series MCU

SHEET DESCRIPTION
Complete design

PROJECT FILENAME JacdacG0Button 40.PrjPCB

PROJECT CODENAME JacdacG0Button

LAST MODIFIED 03/12/2021

PAGE 1 OF 1

DRAWN BY D. Gakure & S. Hodges

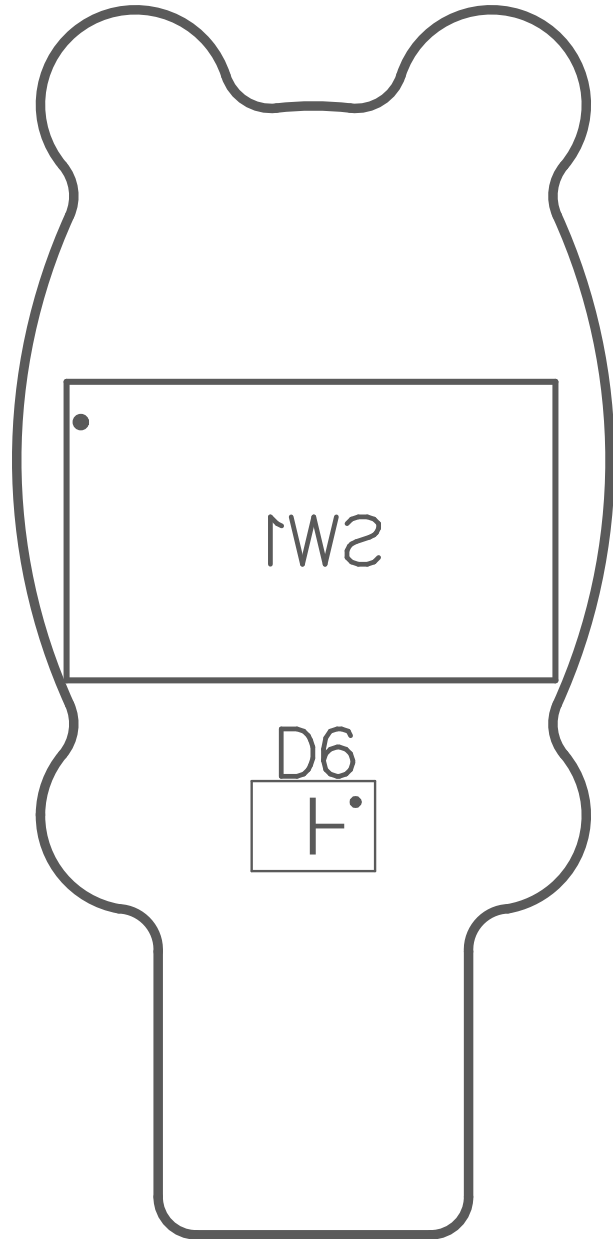
REVISION 0.3

PCB ID 40-0.3

SHEET FILENAME JacdacG0Button 40.SchDoc

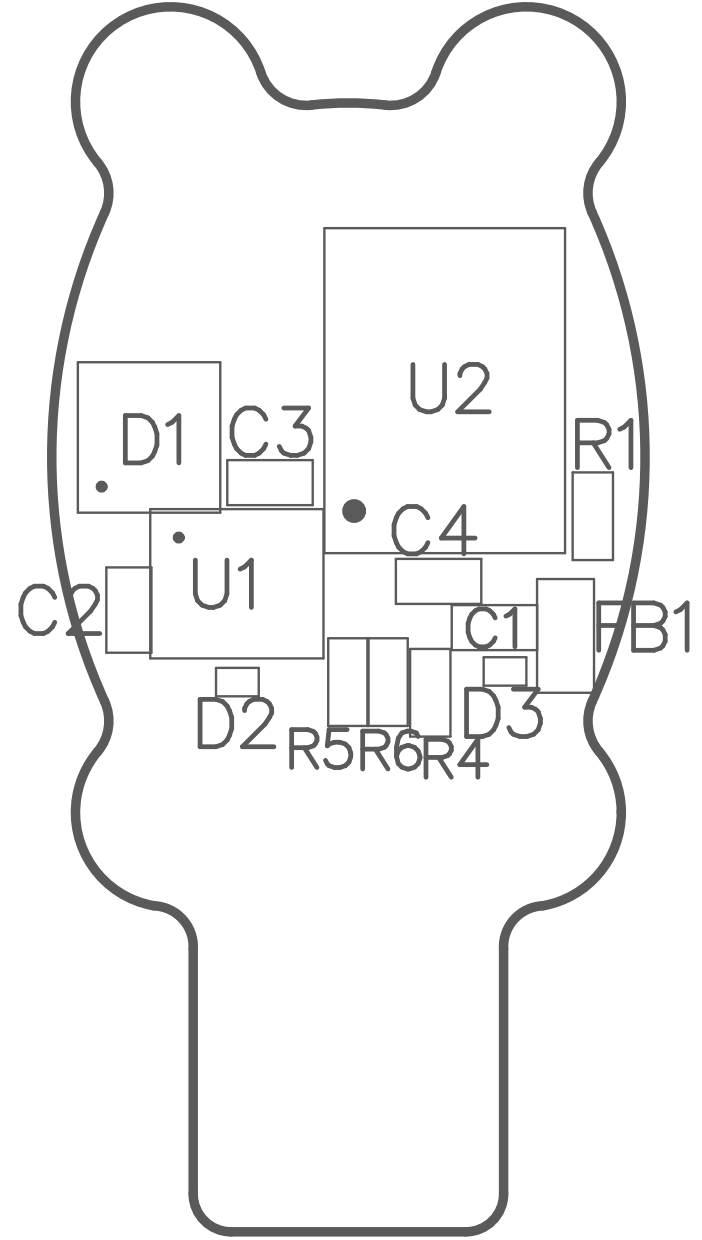
LICENCE Attribution 4.0 International (CC BY 4.0)

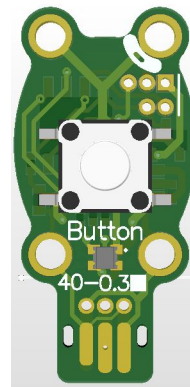
Board Outline Top Assy

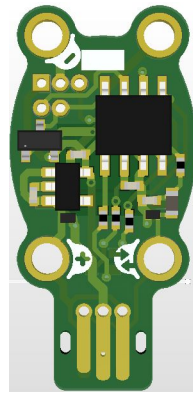


Board Outline

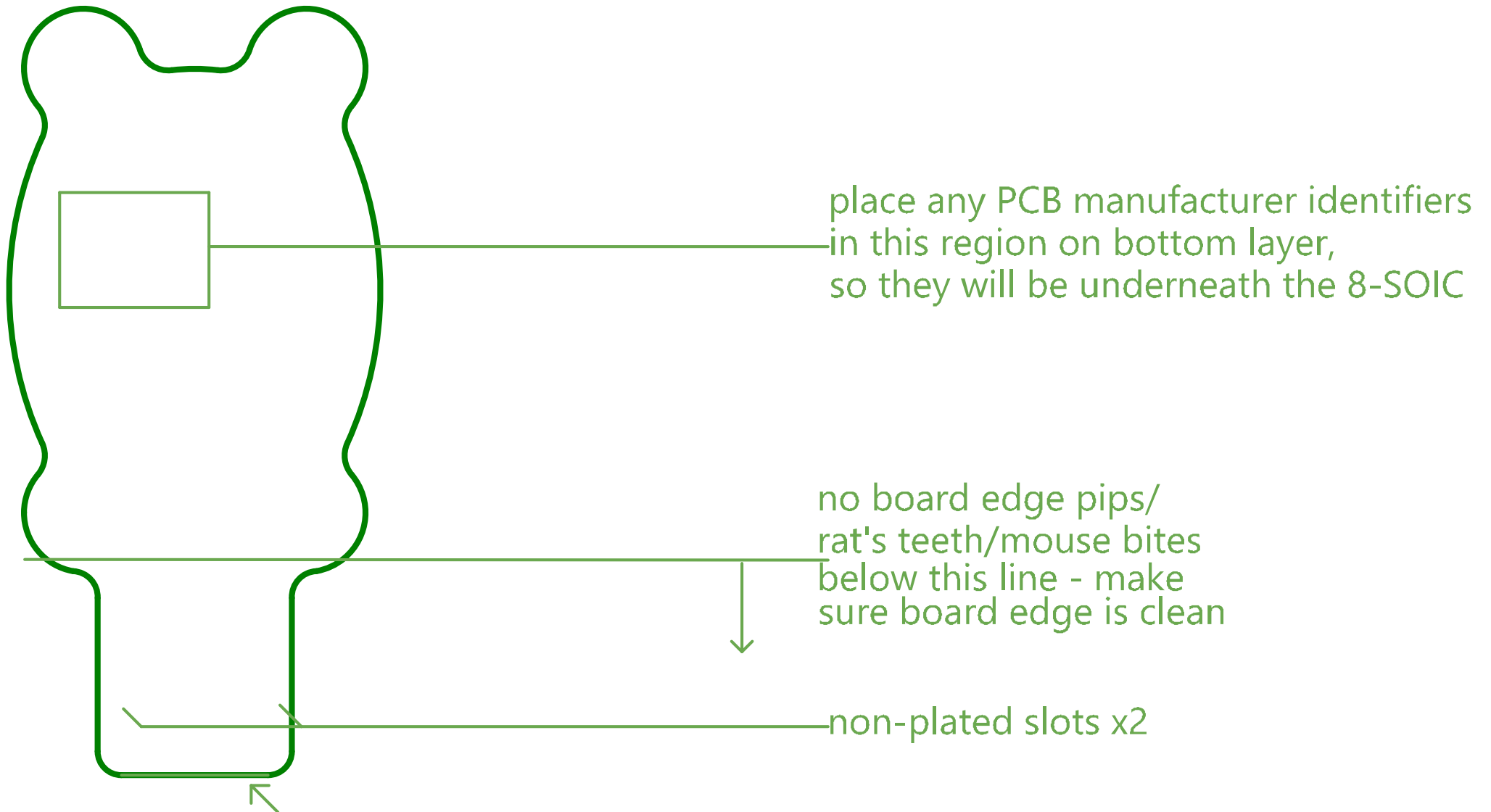
Bottom Assy





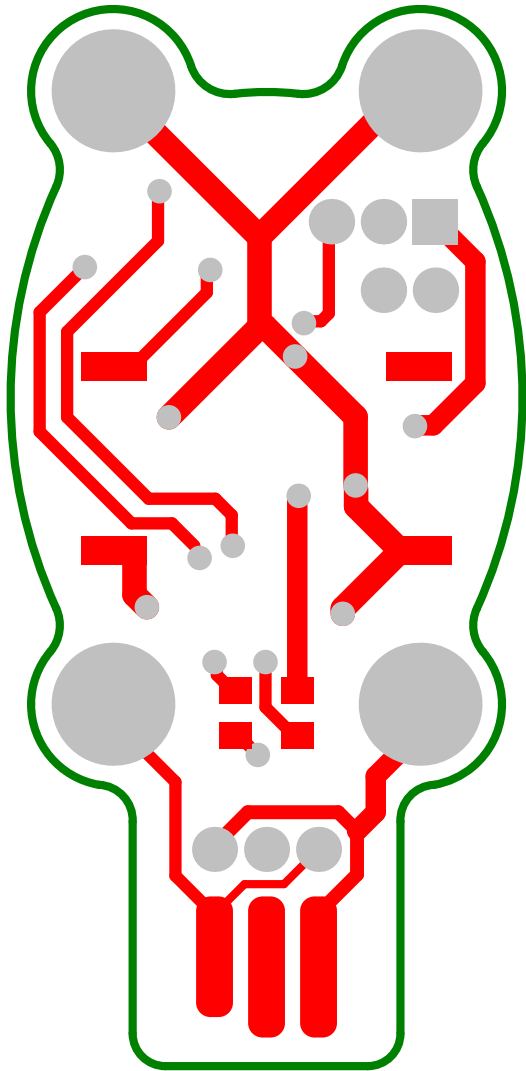


Fabrication Notes Board Outline



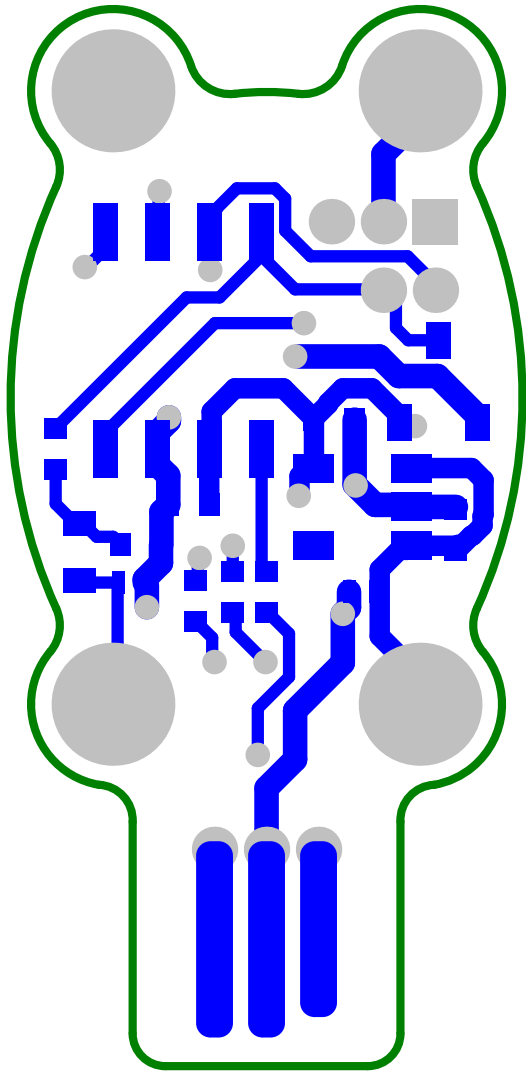
Top Layer

Board Outline



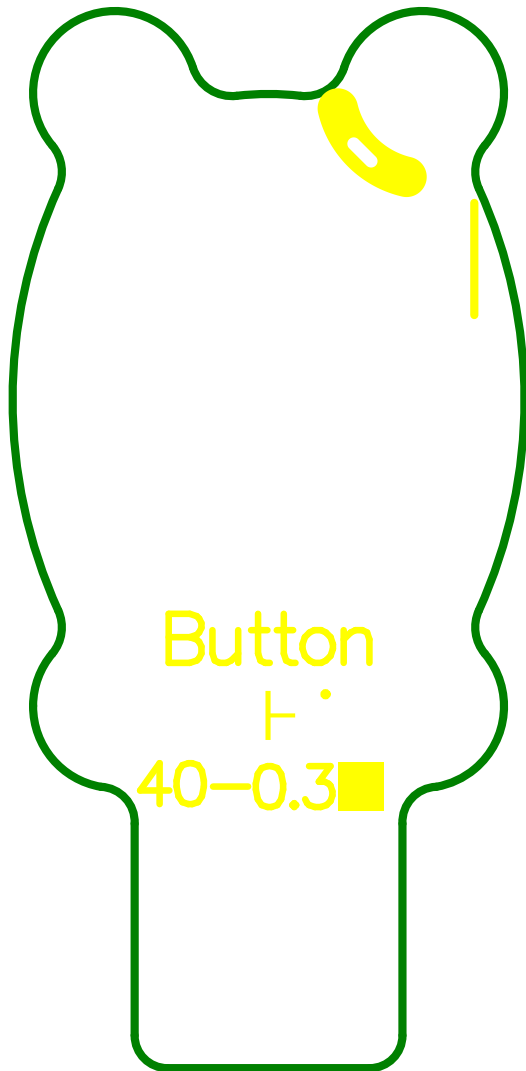
Bottom Layer

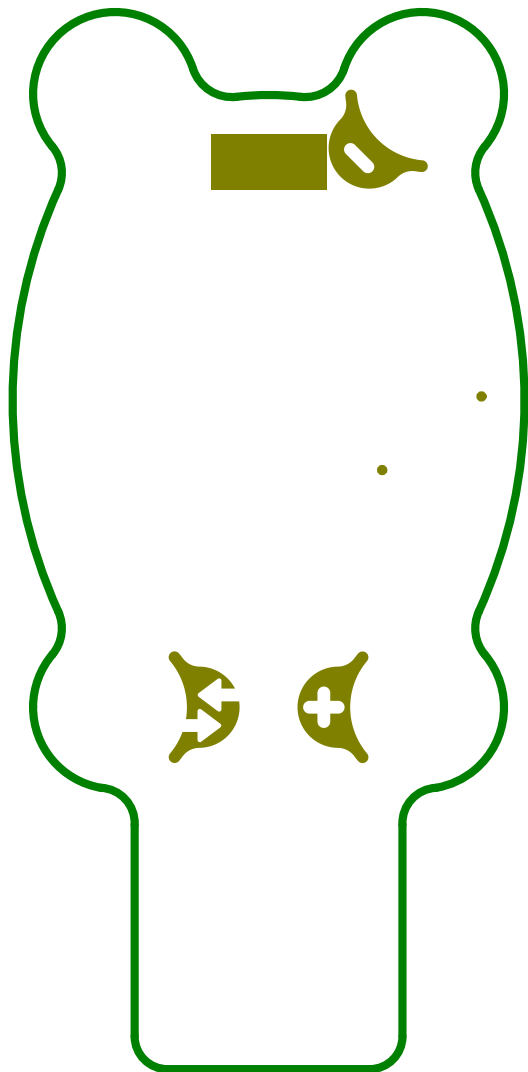
Board Outline



Board Outline

Top Overlay



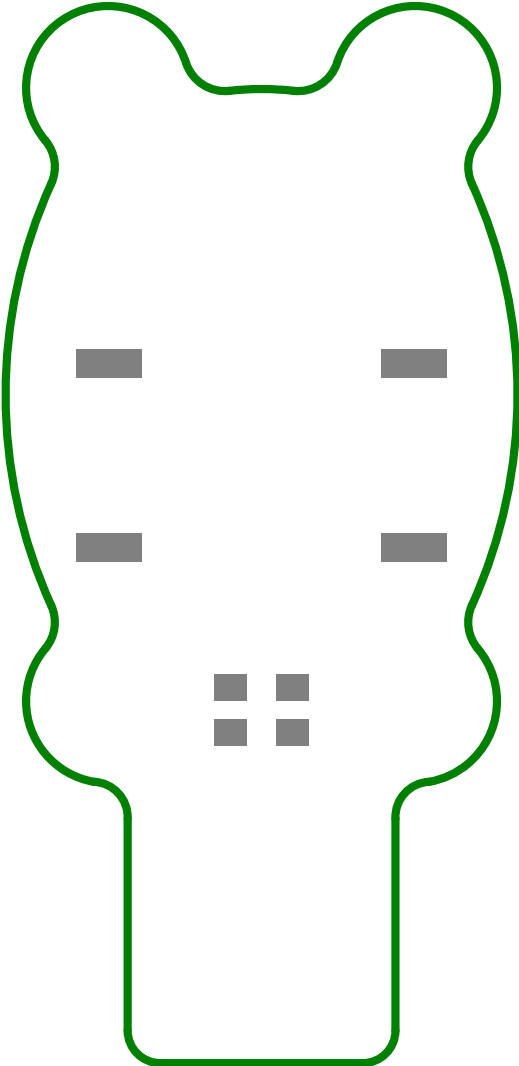


Board Outline

Bottom Overlay

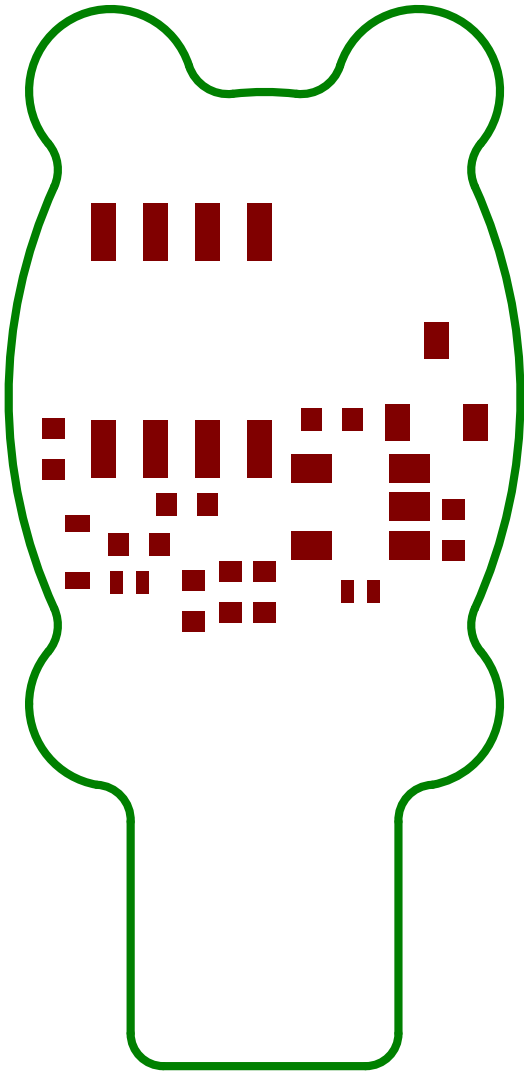
Board Outline

Top Paste

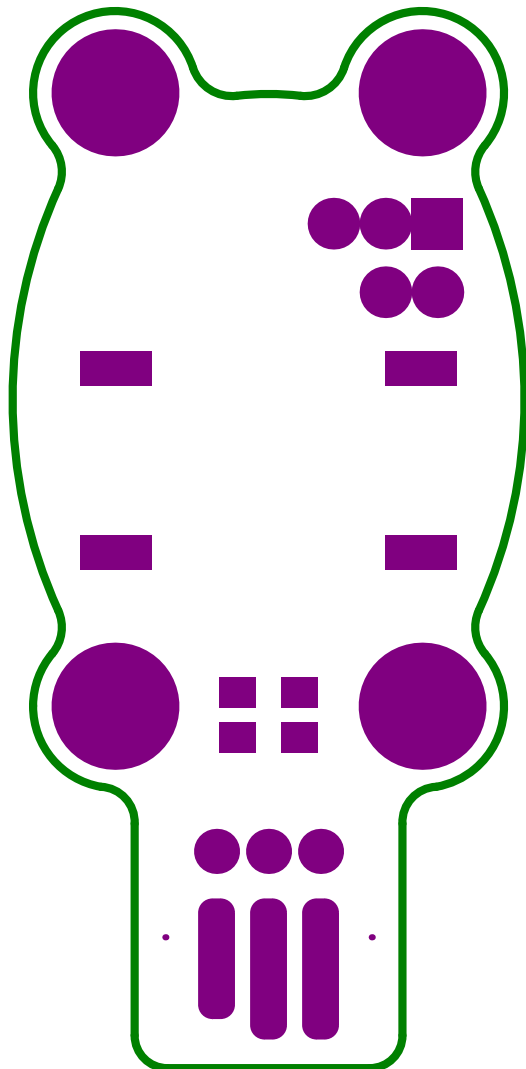


Board Outline

Bottom Paste

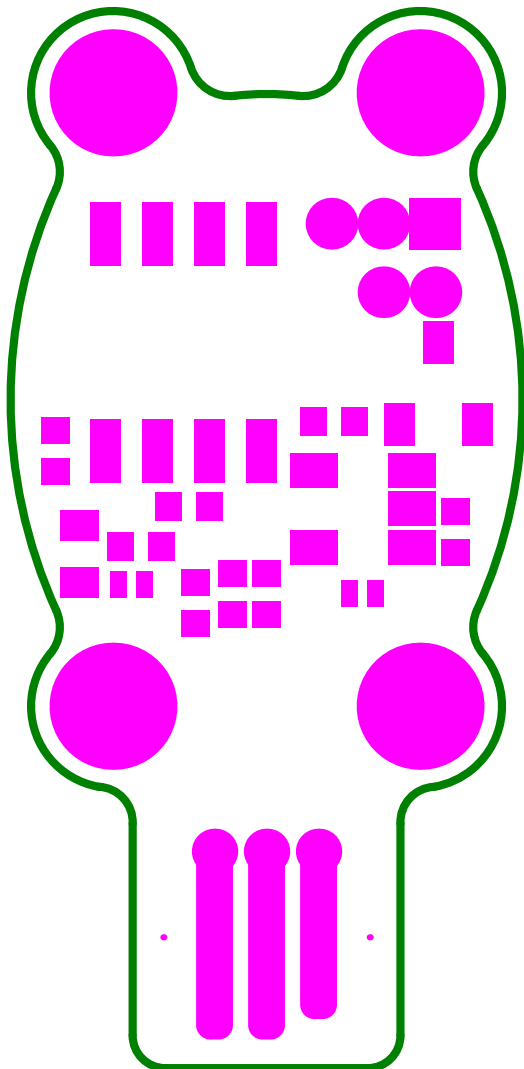


Board Outline



Top Solder (resist)

Board Outline



Bottom Solder (resist)

Board Outline

