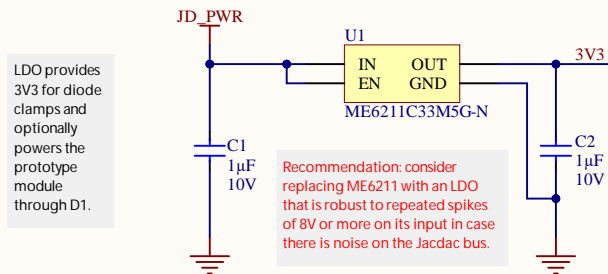


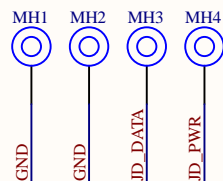
3V3 Regulator

This component is a power-consumer.



U1 alternative parts:
ME6212C33M5G 6V 260mV @ 200mA Iout 350mA
NCP114ASN330T1G 5.5V 225mV @ 300mA Iout 300mA
NCP114BSN330T1G 5.5V 225mV @ 300mA Iout 300mA
...and many other LDOs.

Mounting holes

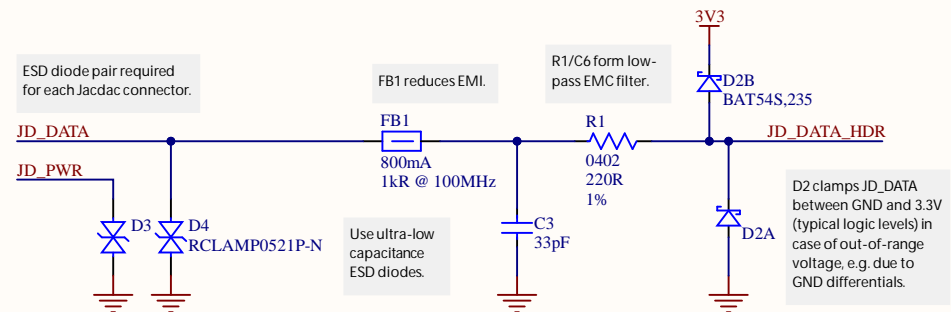
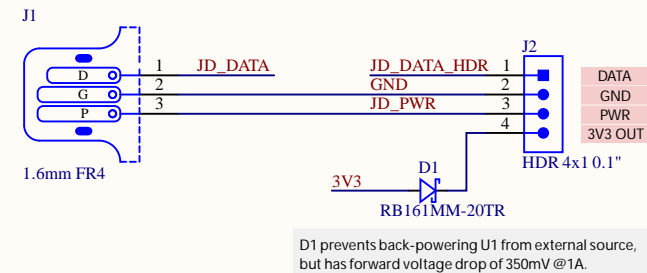


Mounting holes are electrically connected to the Jaccdac bus nets so they can be used as an alternative to the PCB edge connector. Please use the following reference designators and net mapping:

MH1 & MH2: GND
MH3: JD_DATA
MH4: JD_PWR

This design uses Jaccdac '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.

Jaccdac interface



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

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

This design uses a 'cute' board shape.

Silkscreen & layout notes

Block name

Design notes

When this PDF is viewed with Adobe Reader, clicking on components shows part numbers and other details.

This information is provided "as-is". You bear the risk of using it. Some information relates to pre-released specification which may change without notice. Microsoft makes no warranties, express or implied, with respect to the information provided here.

Microsoft

PROJECT DESCRIPTION

Jaccdac bus breakout for module prototyping

SHEET DESCRIPTION

Complete design

PROJECT FILENAME JaccdacPinHeaders 45.PrjPCB

PROJECT CODENAME JaccdacPinHeader

SHEET FILENAME JaccdacPinHeaders 45.SchDoc

LICENCE Attribution 4.0 International (CC BY 4.0)

LAST MODIFIED 10/01/2022

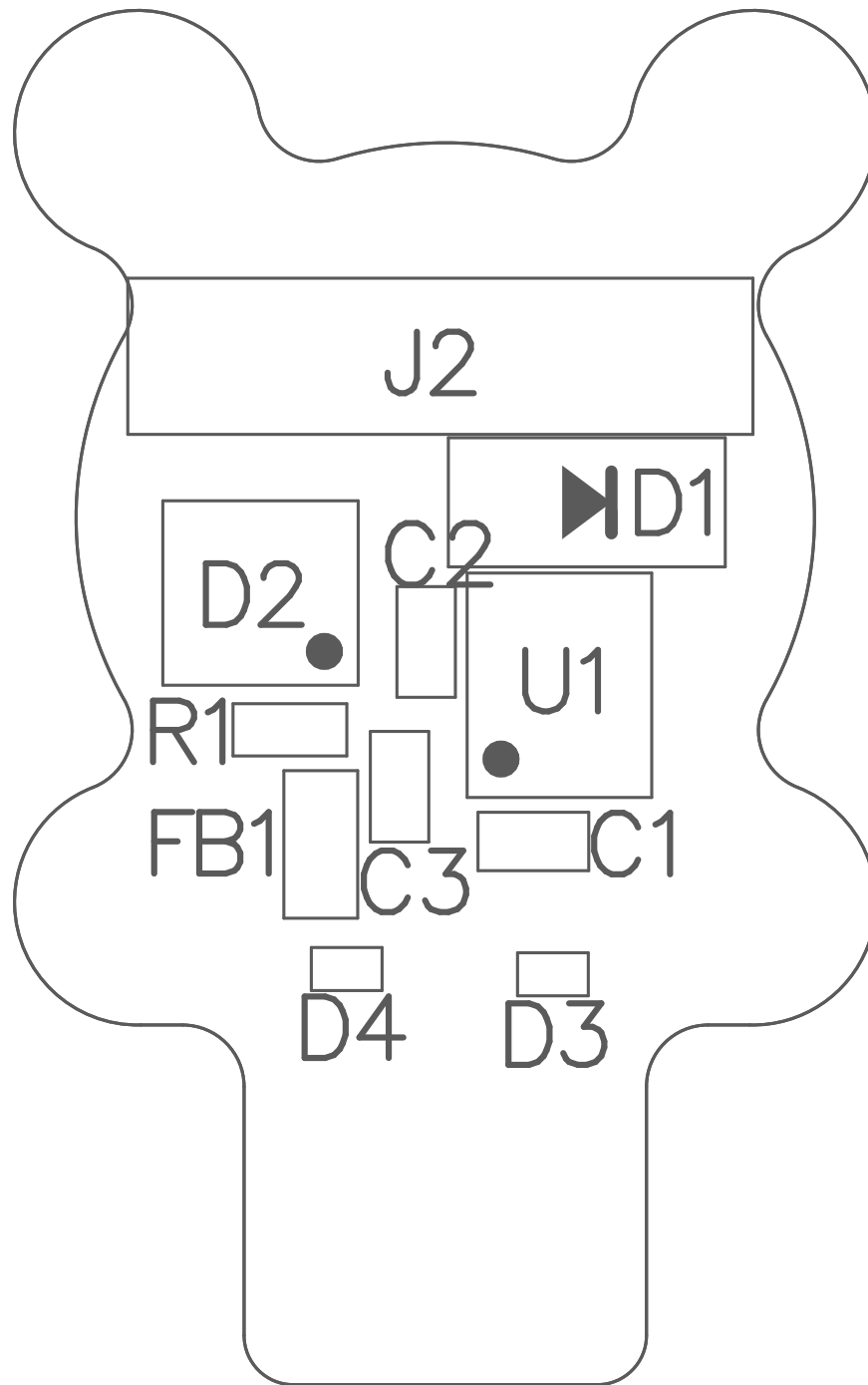
PAGE 1 OF 1

DRAWN BY GD, JD, SH

REVISION 0.3

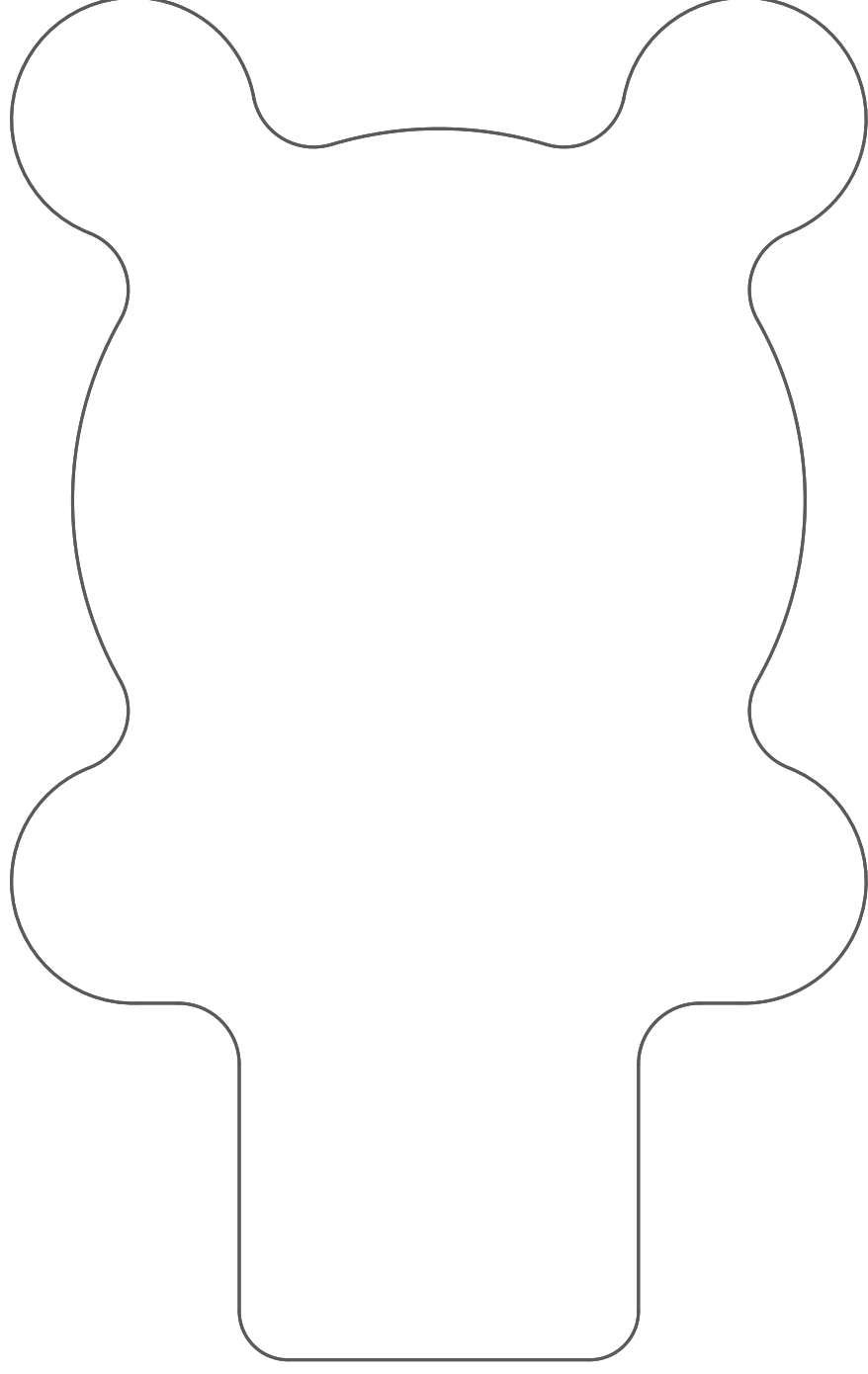
PCB ID 45-0.3

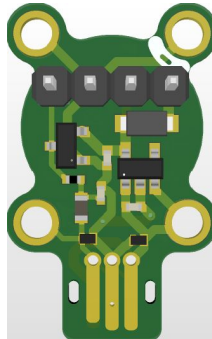
Board Outline Top Assy

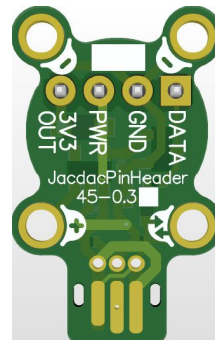


Board Outline

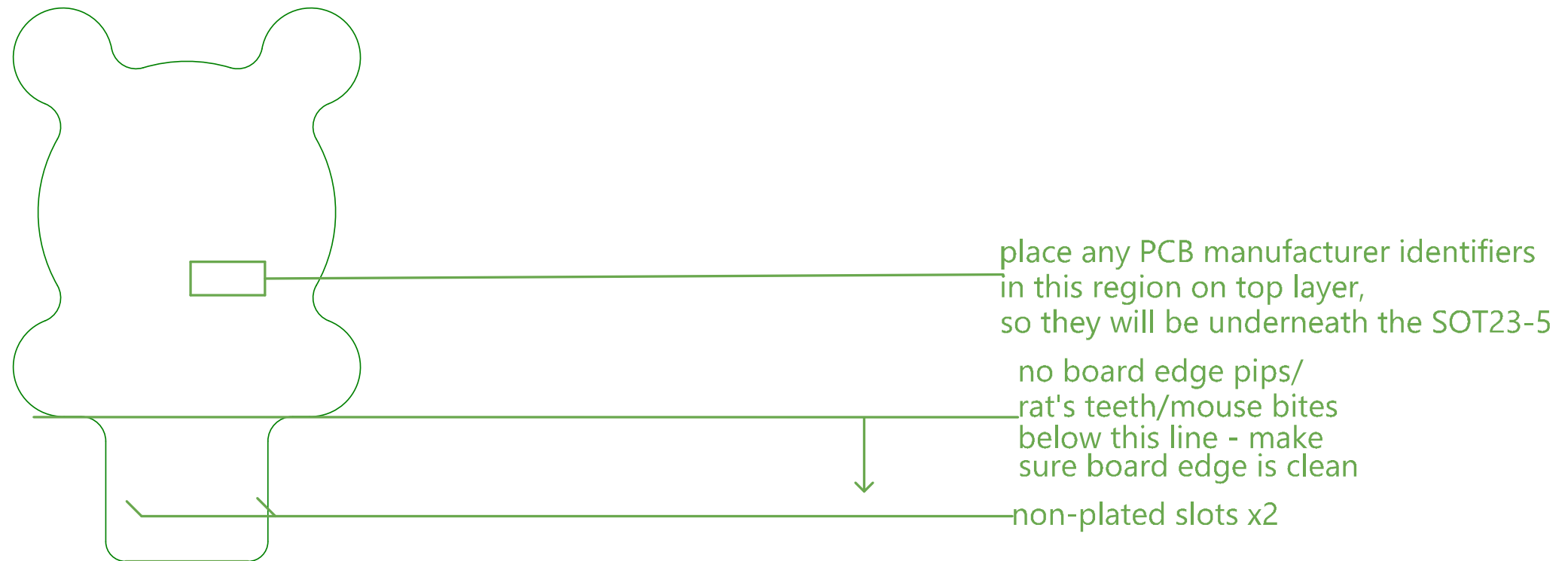
Bottom Assy





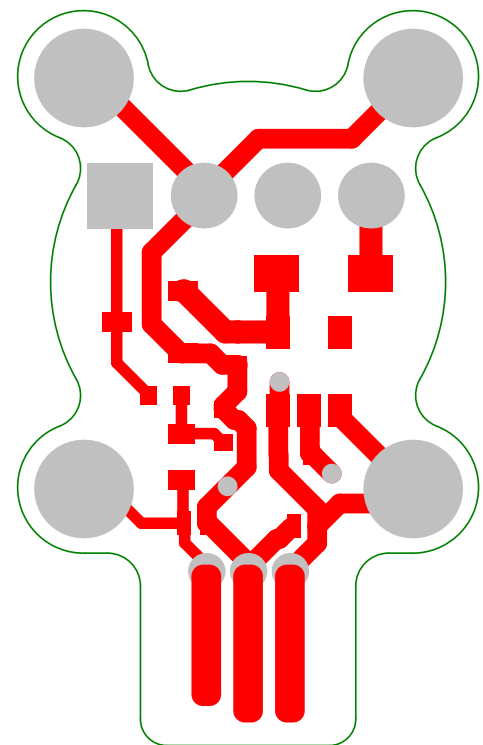


Fabrication Notes Board Outline



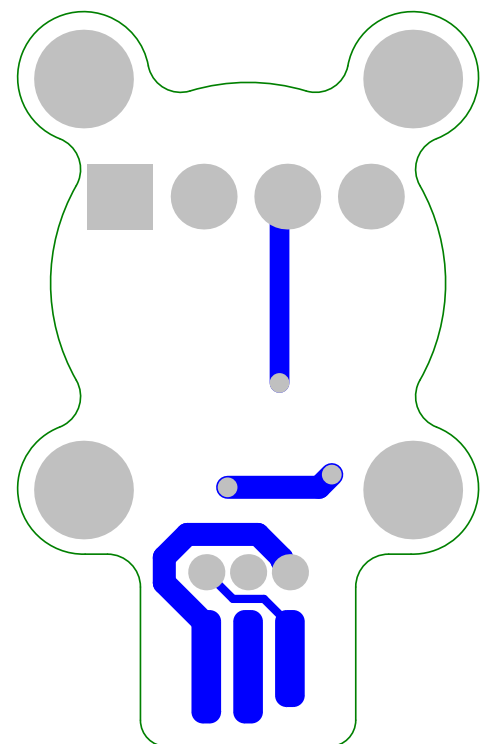
Top Layer

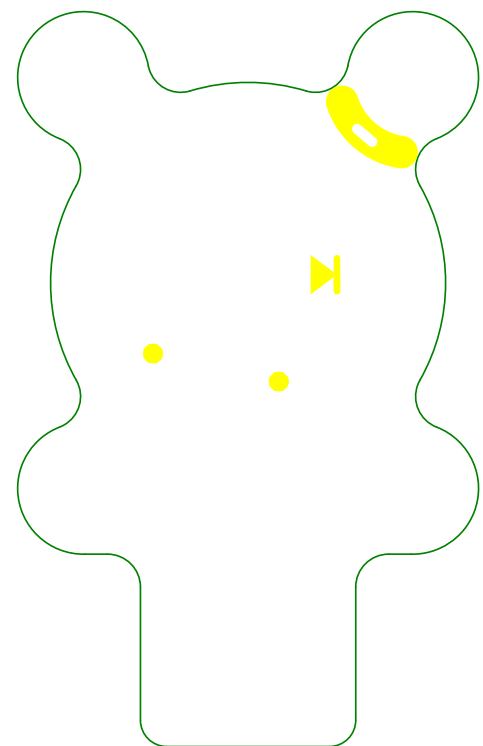
Board Outline



Bottom Layer

Board Outline



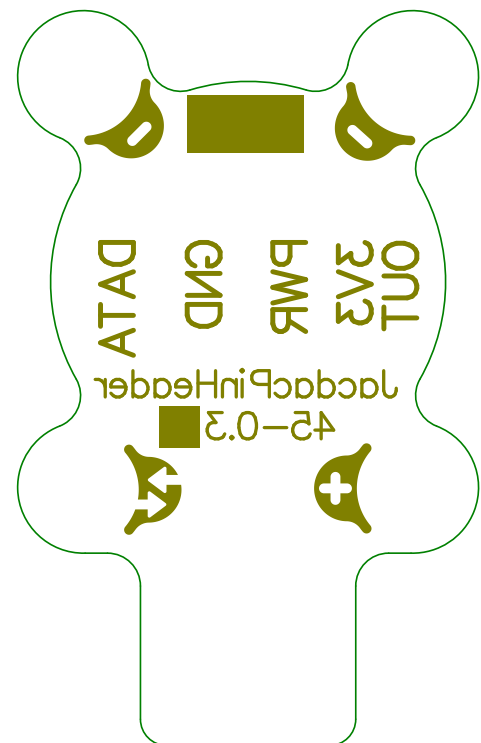


Board Outline

Top Overlay

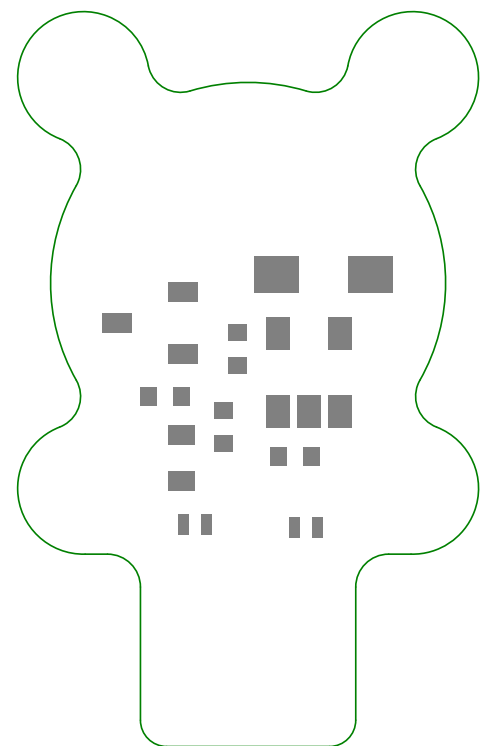
Board Outline

Bottom Overlay



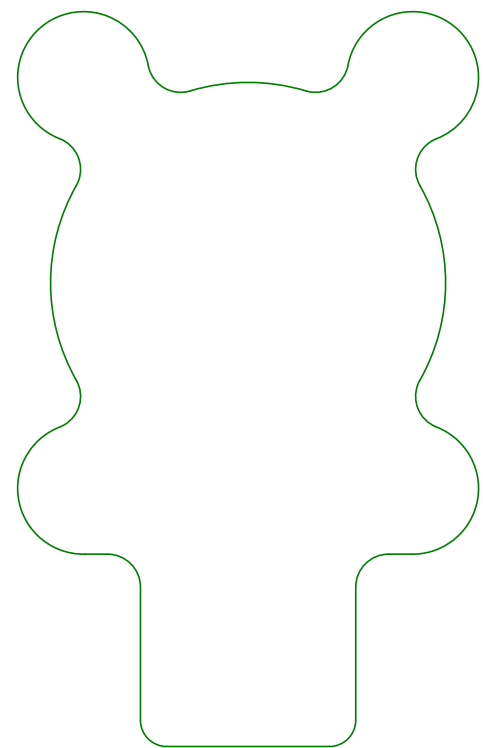
Board Outline

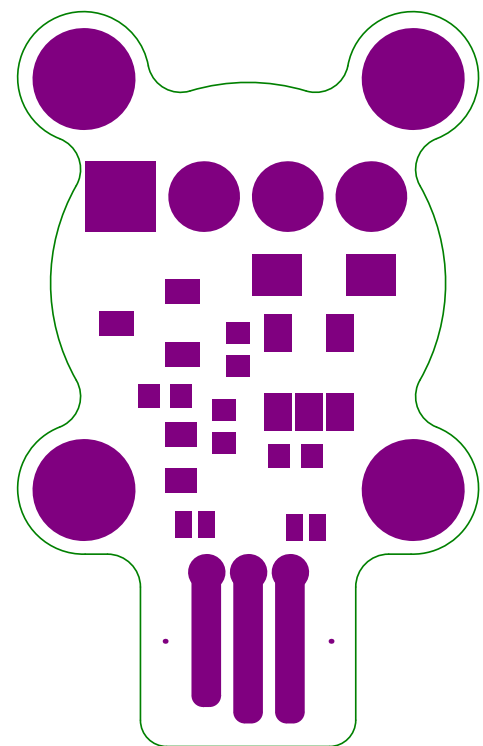
Top Paste



Board Outline

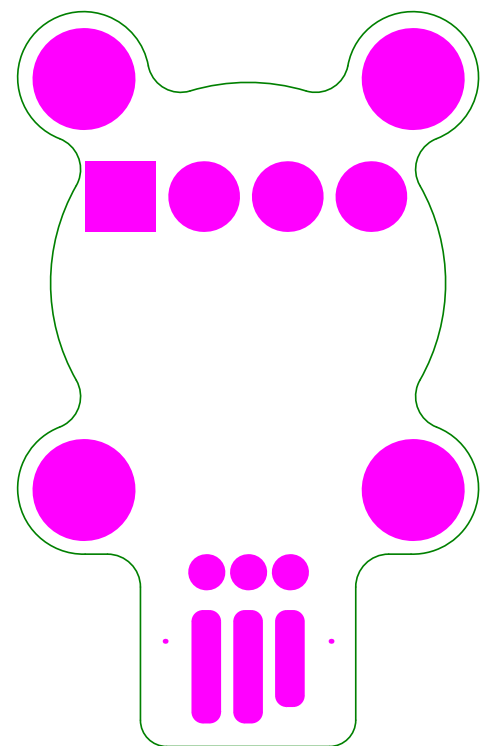
Bottom Paste





Board Outline

Top Solder (resist)



Board Outline

Bottom Solder (resist)

Board Outline

