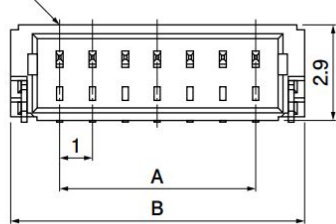
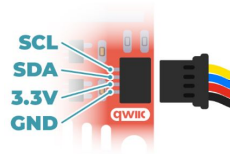


Circuit No.1



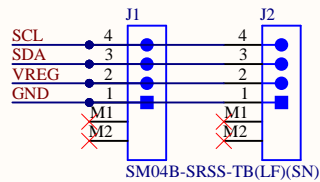
All Qwiic cables have the following color scheme and arrangement:



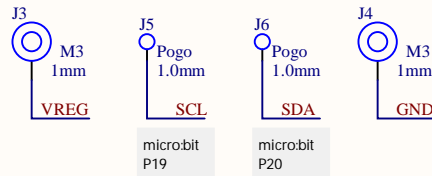
- Yellow = **SCL**
- Blue = **SDA**
- Red = **3.3V**
- Black = **GND**

For the STEMMA QT cables, we follow the Qwiic convention:

1. Black for **GND**
2. Red for **V+**
3. Blue for **SDA**
4. Yellow for **SCL**



See links associated with J1, 2  
for Qwiic and STEMMA QT info



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PROJECT FILENAME	MicrobitQwiic 138.PrjPCB	PROJECT CODENAME	MicrobitQwiic
SHEET FILENAME	MicrobitQwiic 138.SchDoc	LICENCE	Attribution 4.0 International (CC BY 4.0)

Microsoft

PROJECT DESCRIPTION  
Qwiic/STEMMA QT adapter for micro:bit

LAST MODIFIED 19/03/2023 PAGE 1 OF 1 DRAWN BY S. Hodges

SHEET DESCRIPTION  
Complete design

REVISION 0.1 PCB ID 138-0.1

Silkscreen &  
layout notes

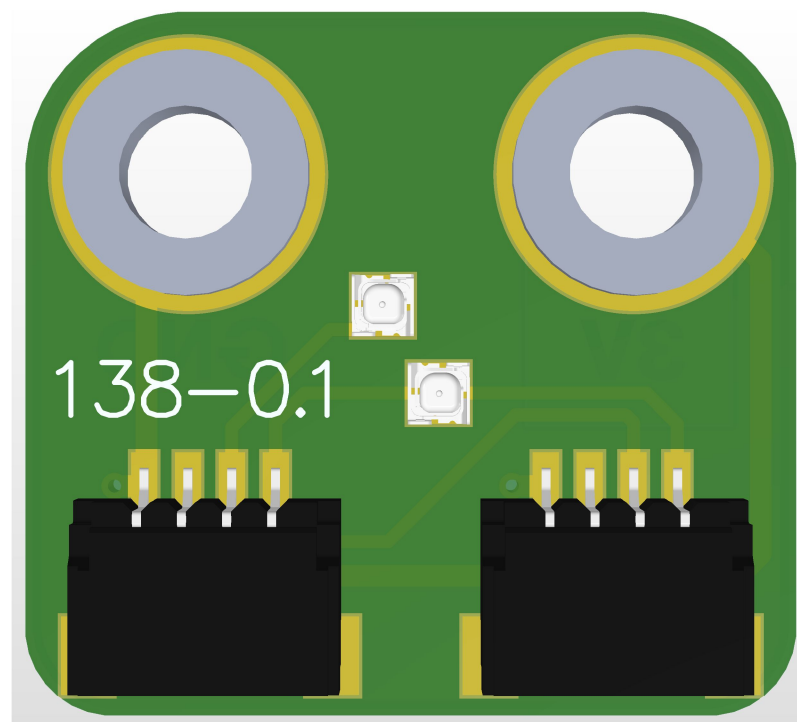
Block name

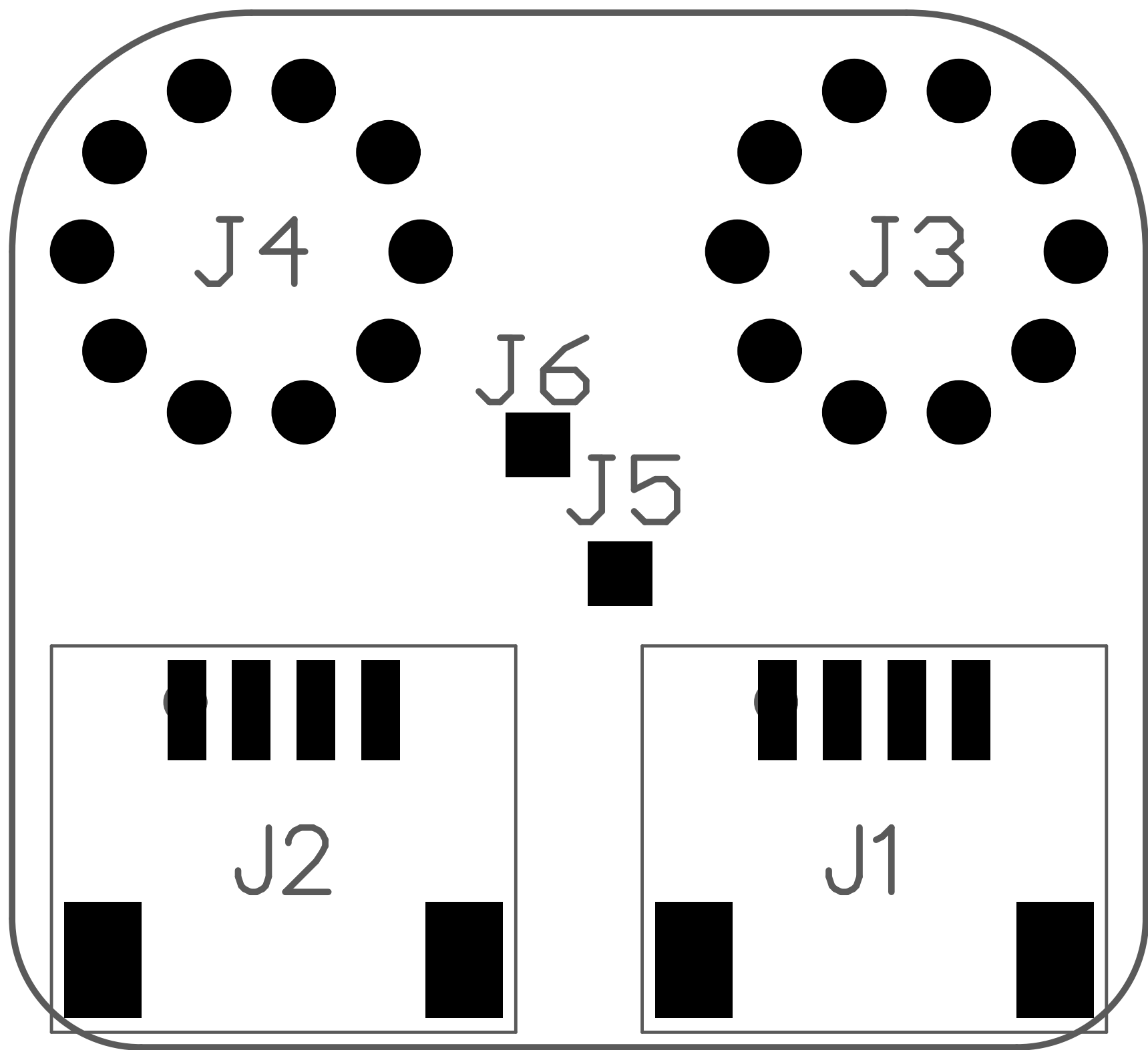
Design notes

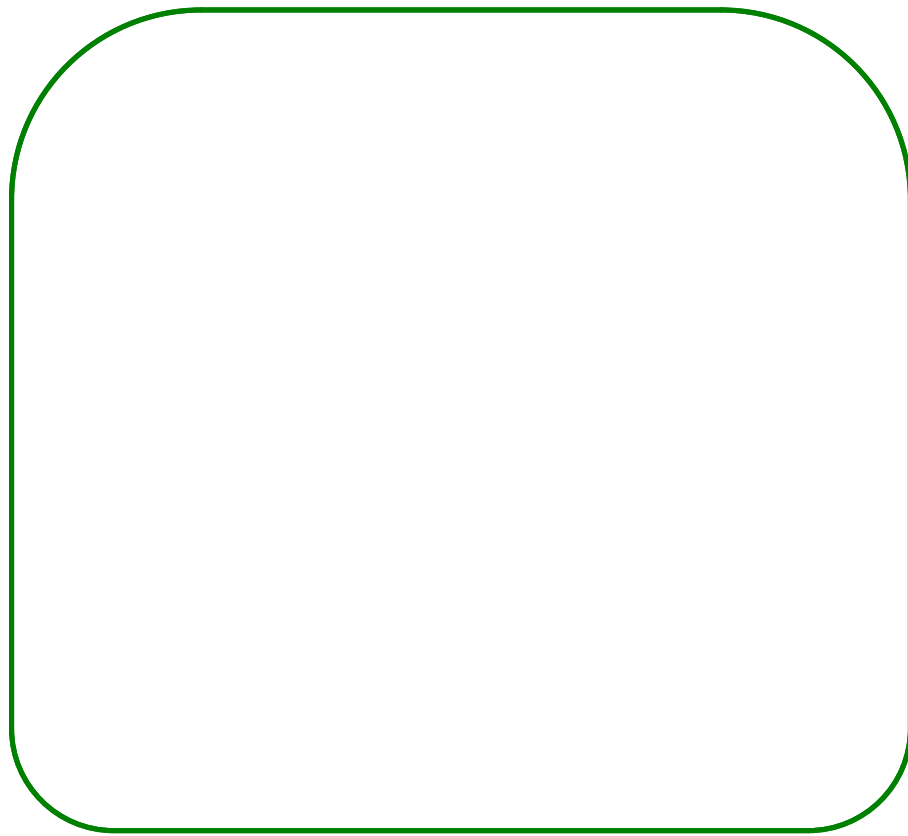
When this PDF is viewed with Adobe Reader, clicking on  
components shows part numbers and other details.

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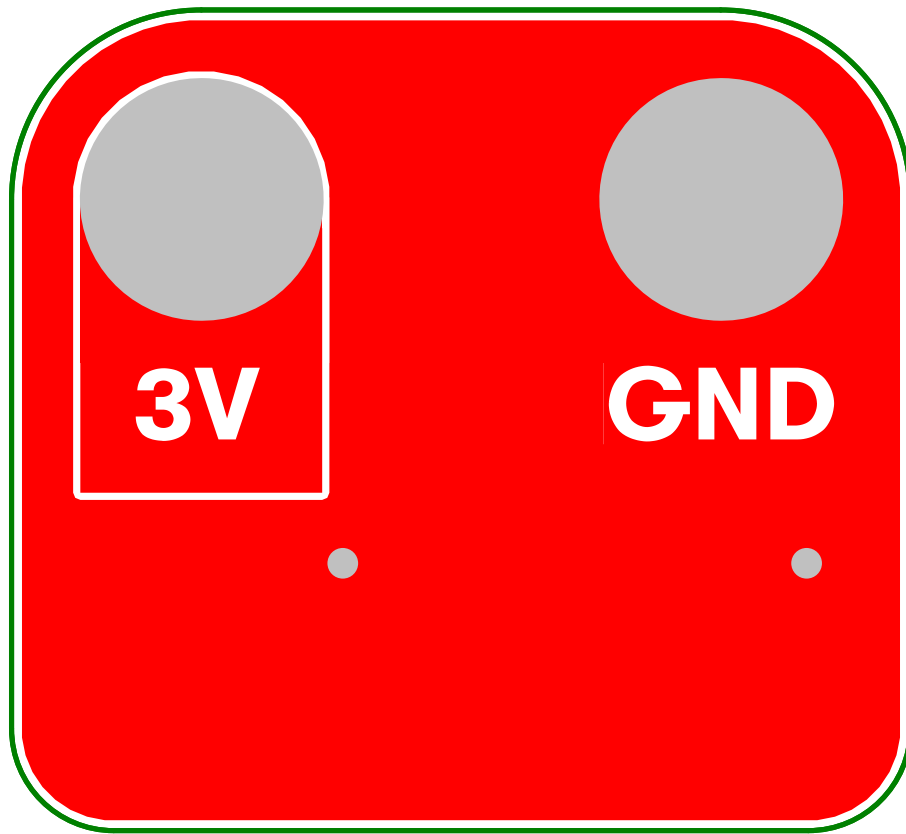






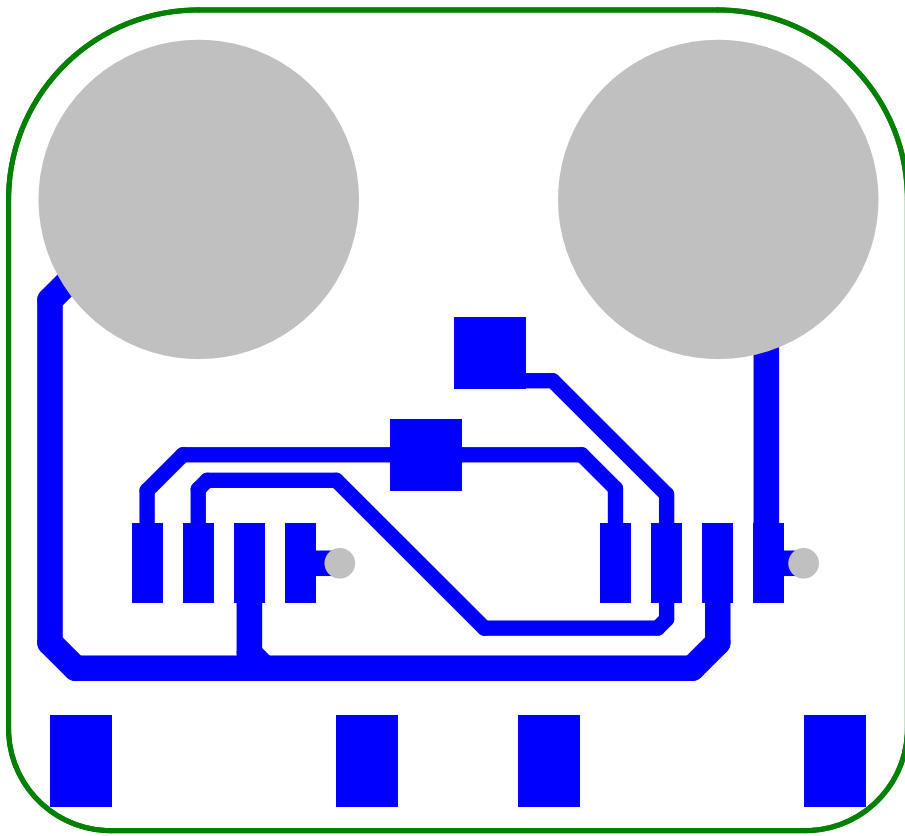
Black solder resist

GM3 - Fabrication Notes  
GM11 - Board Outline



GTL - Top Layer

GM11 - Board Outline



GBL - Bottom Layer

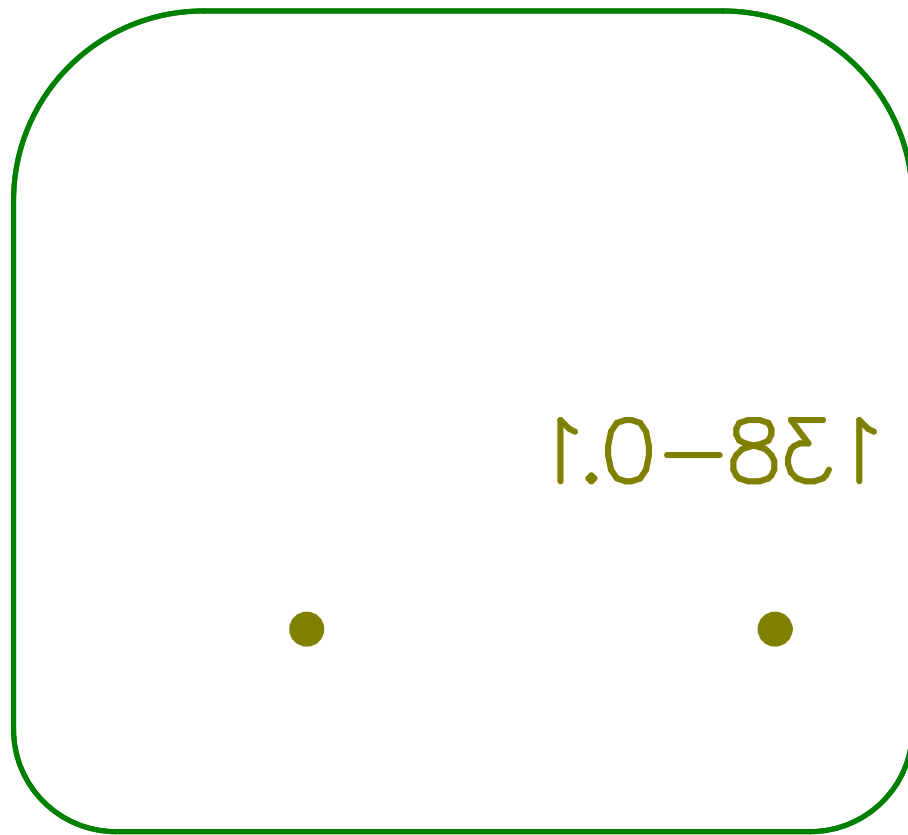
GM11 - Board Outline

QT/Qwiic  
for micro:bit

GTO - Top Overlay

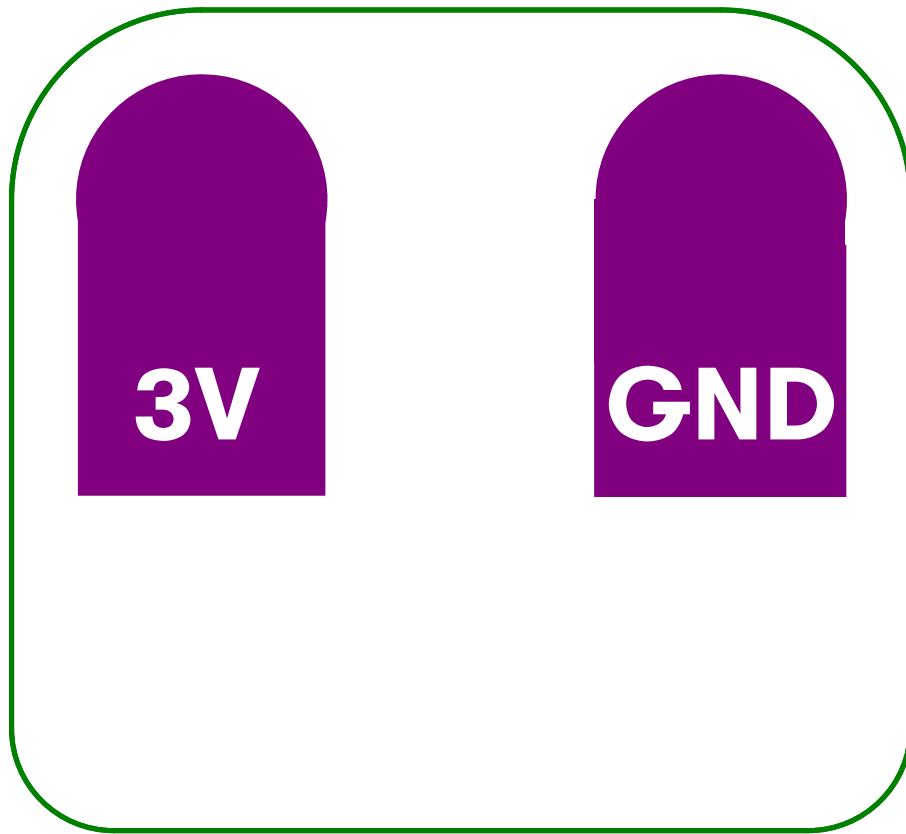
GM11 - Board Outline





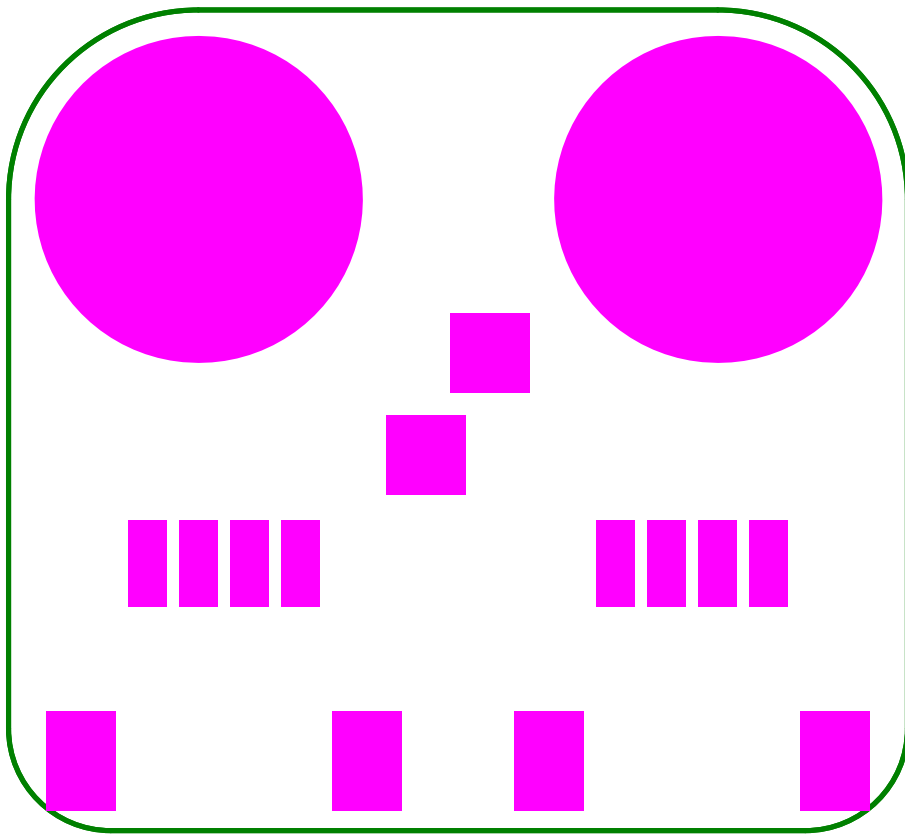
GM11 - Board Outline

GBO - Bottom Overlay



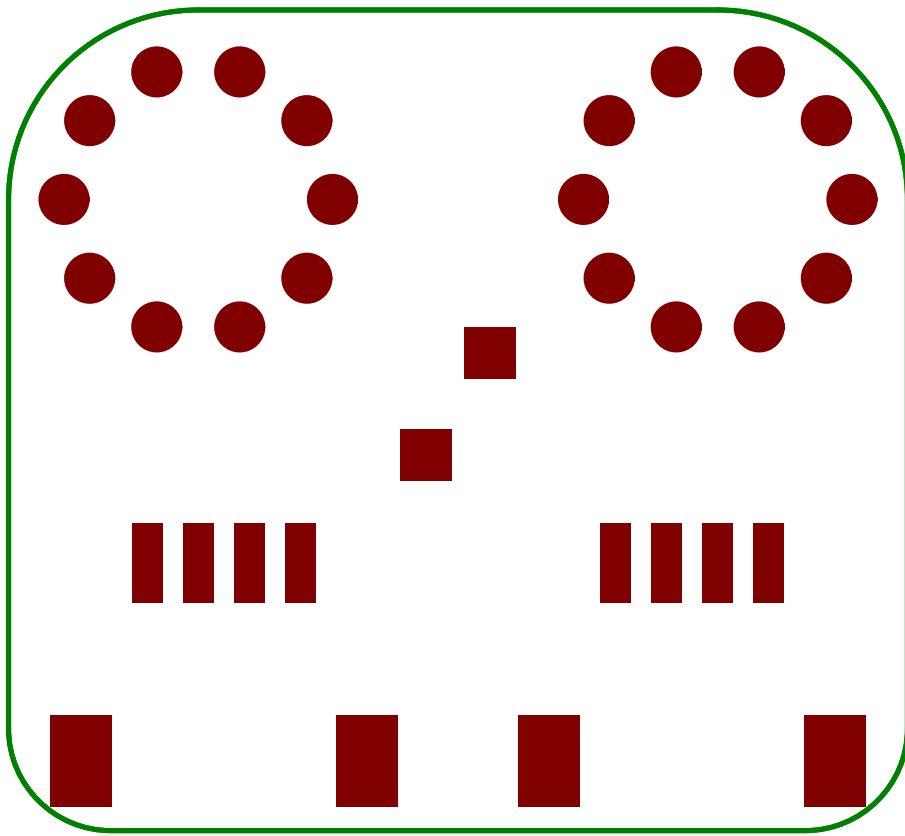
GM11 - Board Outline

GTS - Top Solder (resist)



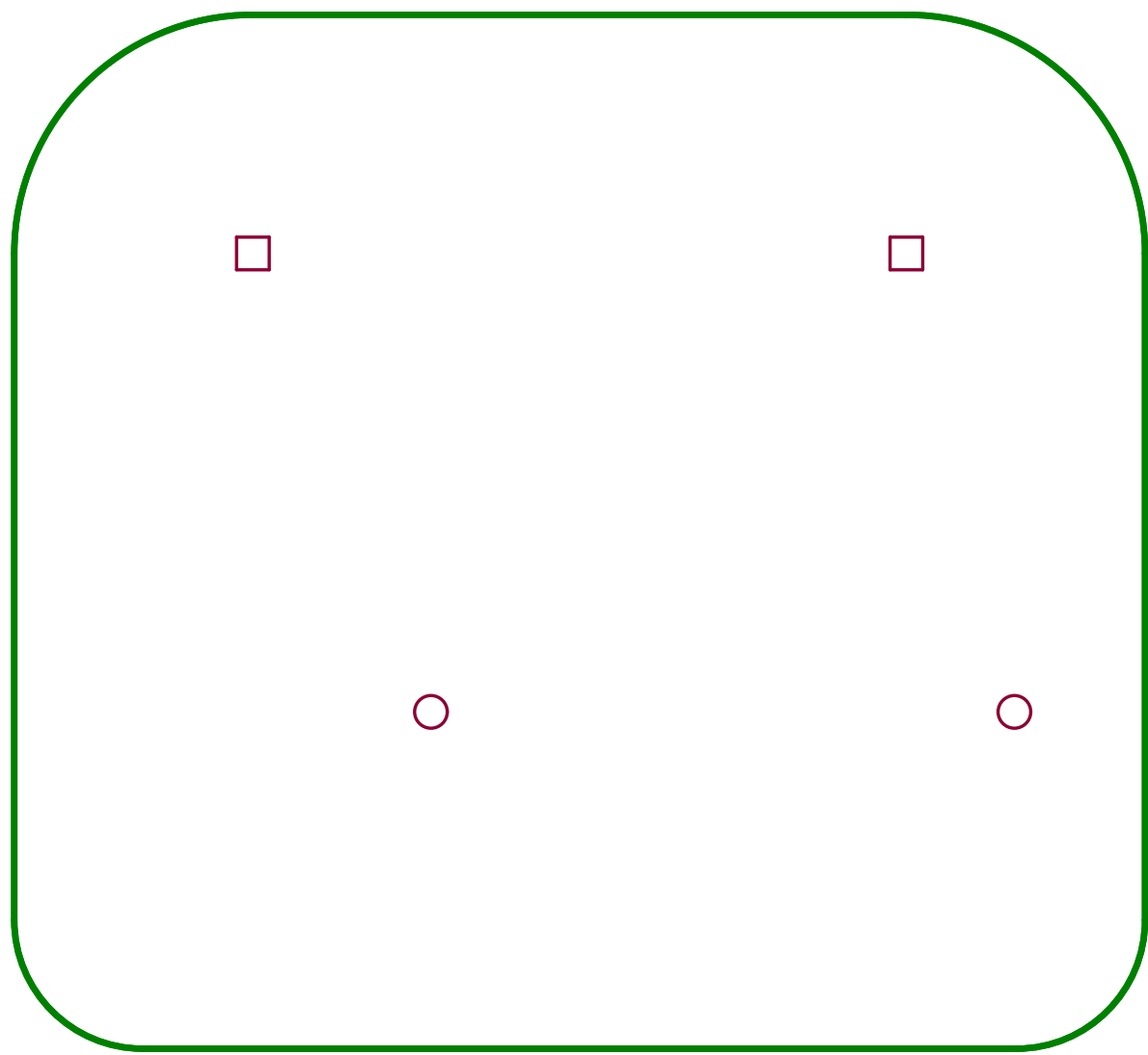
GM11 - Board Outline

GBS - Bottom Solder (resist)



GM11 - Board Outline

GBP - Bottom Paste



GM11 - Board Outline