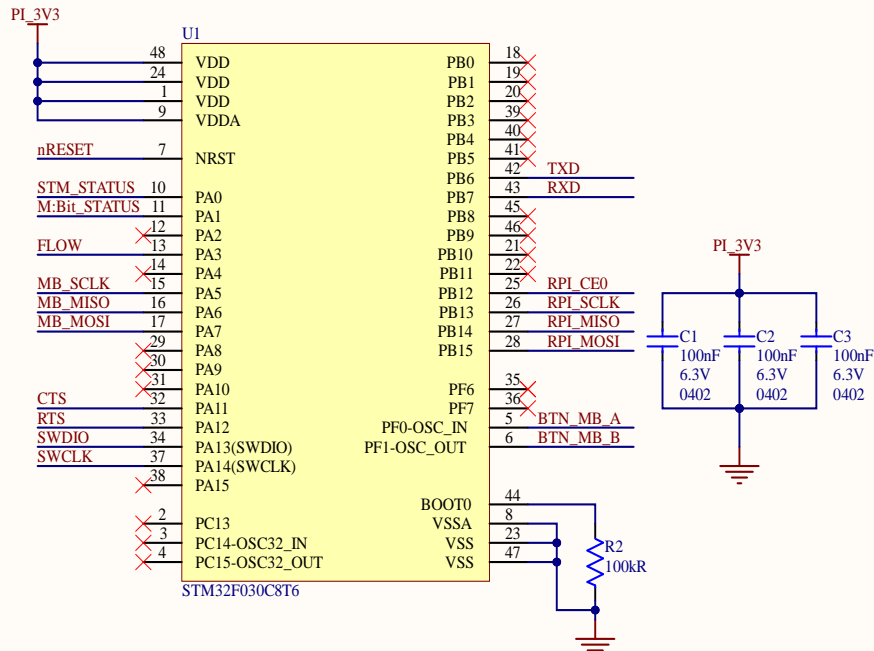
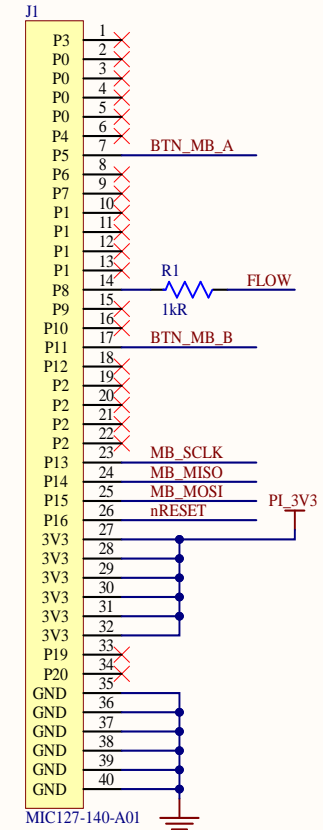


## Microcontroller unit

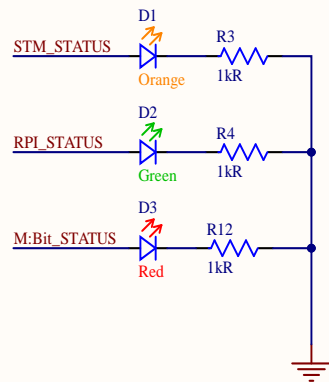


## micro:bit connections

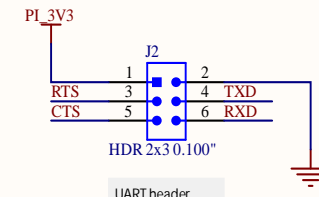
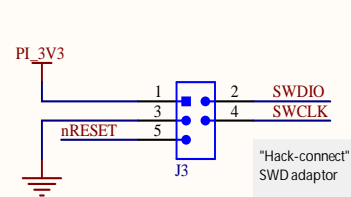
190 mA max current draw from micro:bit V2.



## LEDs



## Programming/debug connector



Key:

- TO-DO
- Silkscreen & layout notes
- Block name
- Design notes

PROJECT FILENAME ArcadeRpiSmartShield 33.PrjPCB

PROJECT CODENAME ArcadeRpiSmartShield

Microsoft

PROJECT DESCRIPTION  
Pi SPI display extension for the Microbit Arcade.

SHEET DESCRIPTION  
MCU and associated circuitry

SHEET FILENAME ArcadeRpiSmartShield 33 MCU.SchDoc

LICENCE Attribution 4.0 International (CC BY 4.0)

LAST MODIFIED 3/4/2021

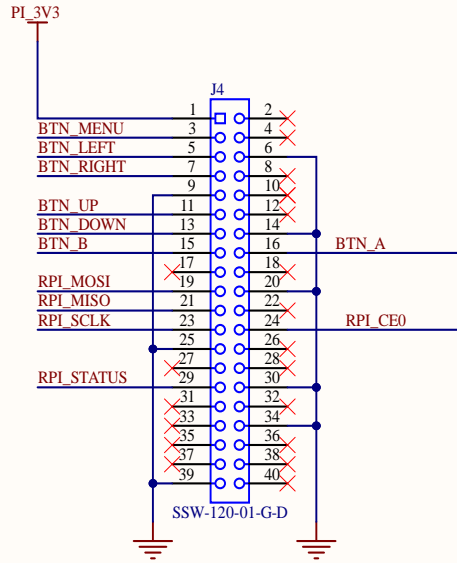
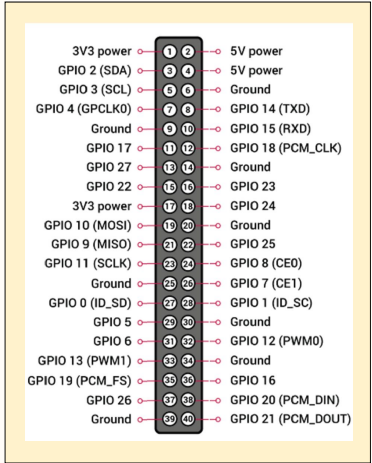
PAGE 1 OF 2

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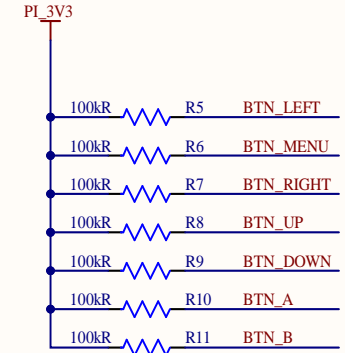
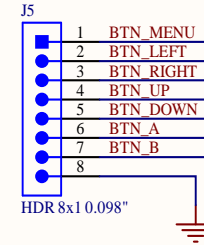
REVISION 1.0

PCBID 33-1.0

# R Pi header connections



# Buttons header



Key:

- TO-DO
- Silkscreen & layout notes
- Block name
- Design notes

PROJECT FILENAME ArcadeRpiSmartShield 33.PrjPCB

PROJECT CODENAME ArcadeRpiSmartShield

Microsoft

PROJECT DESCRIPTION  
Pi SPI display extension for the Microbit Arcade.

SHEET DESCRIPTION  
R Pi interface circuitry

SHEET FILENAME ArcadeRpiSmartShield 33 Pi interface.SchDoc

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