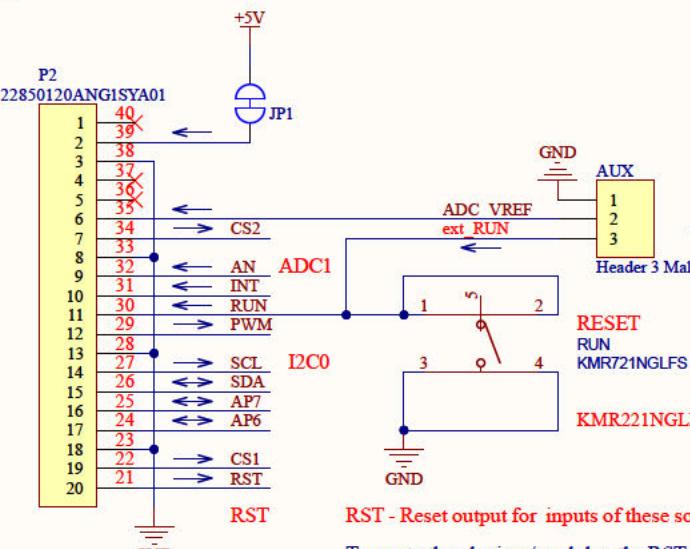
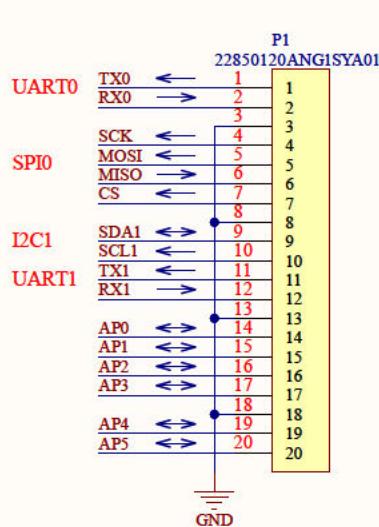


## Raspberry Pi Pico

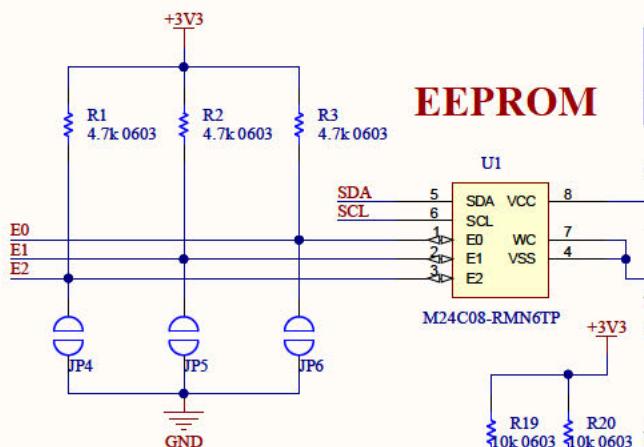


The module in the PICO slot (Raspberry Pi PICO or other) is reset by pressing the internal or external RUN button or Watchdog.

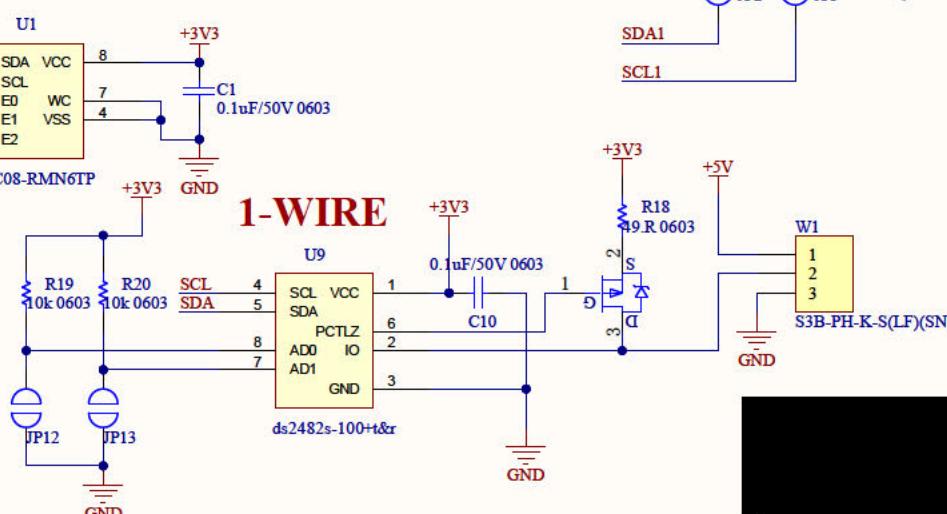
KMR221NGLFS, KMR211NGLFS, KMR631NGULCLFS, KMR621NGLFS, KMR721NGLFS.

**RST** - Reset output for inputs of these sockets: M1, M2, M3, BFF, HOST-S

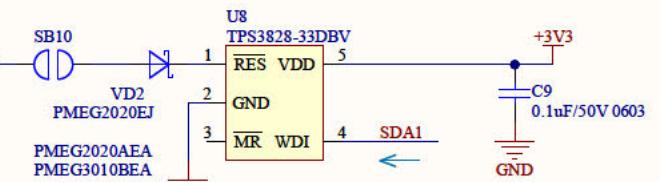
To reset other devices/modules, the RST signal is used, which Raspberry Pi PICO can generate in software.



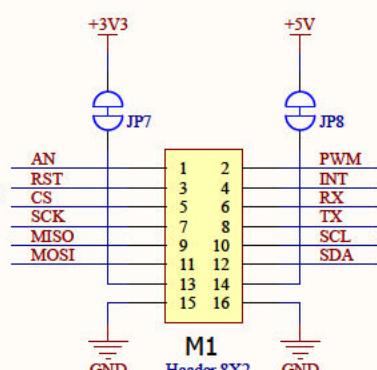
MPN	Capacity	LCSC Part
M24C08-RMN6TP	8Kbit	C141777
AT24C08C-SSHM-T	8Kbit	C31422
M24C64-WMN6TP	64Kbit	C7999
AT24C64D-SSHM-T	64Kbit	C6487



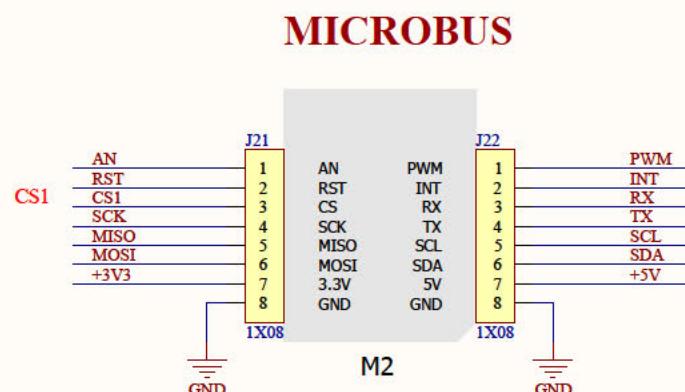
Watchdog IC: Open-drain (3828) or Active-Low (3823), Vth=2.93V, Treset = 200 ms, Twd = 0.9 sec (min)



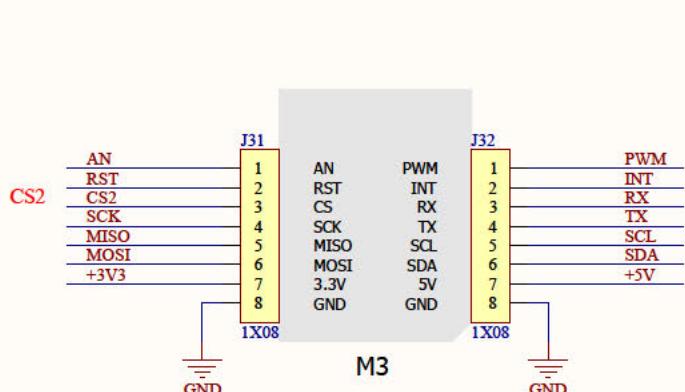
You can use Watchdog (U8) or I2C1 (SDA1) interface only  
Close SB10 if you want to use Watchdog (U8)



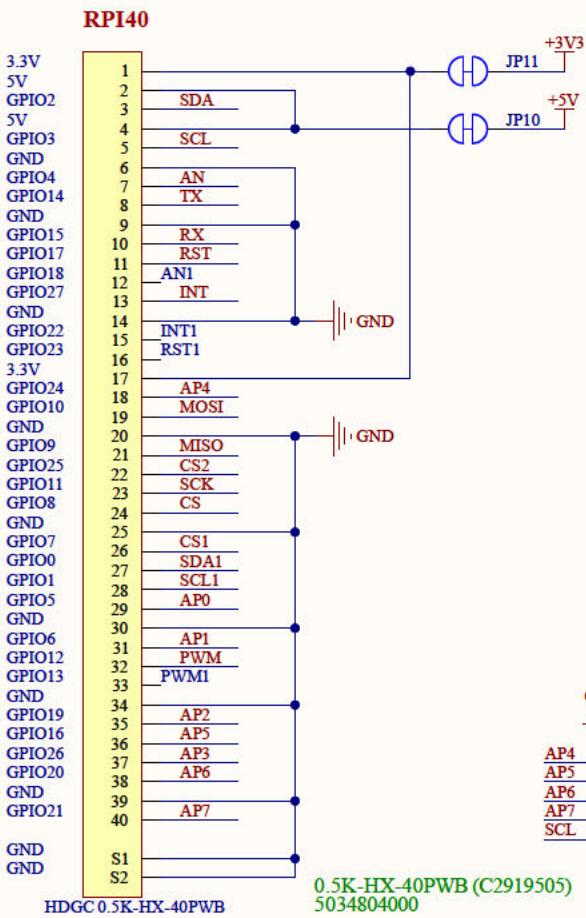
PZ254V-12-16P



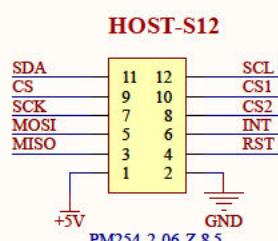
MICROBUS



M3

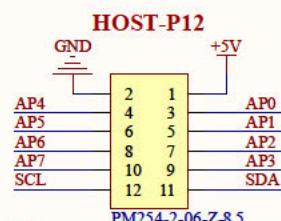


## **CONNECTORS**

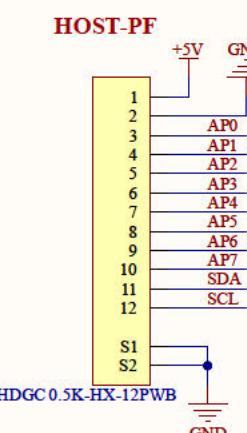


PM254-2-06-Z-8.5 (C2897407)

PM254V-12-12P-H85 (C541855)

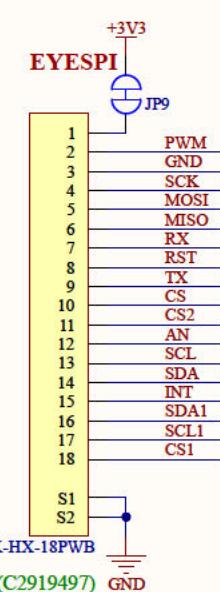


5K-HX-40PWB (C2919505)  
034804000



5034801200 (C587969)

0.5K-HX-12PWB (C2919494)



## FFC/FPC Cable for BFF

JS05B-18P-150-4-8

LCSC part #C2857715

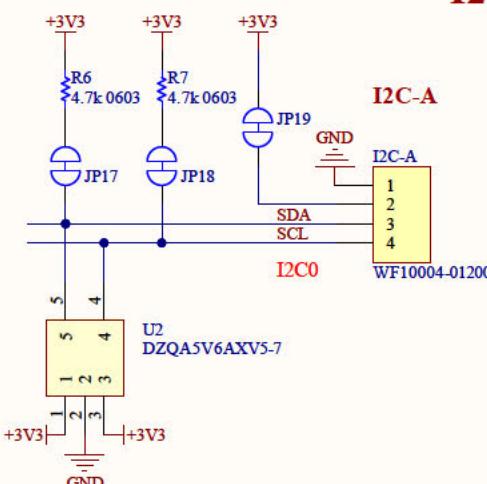
0.5K-HX-18PWB (C2919497) GN  
5034801800 (C2858322)

1

2

3

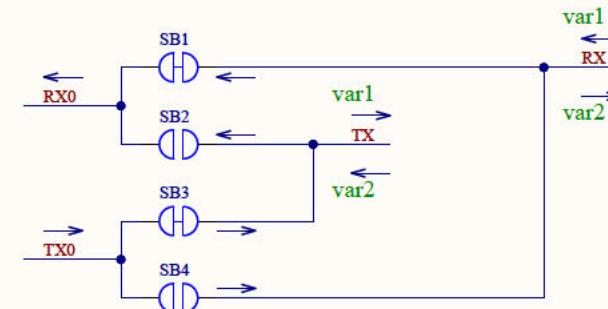
4

**I2C**

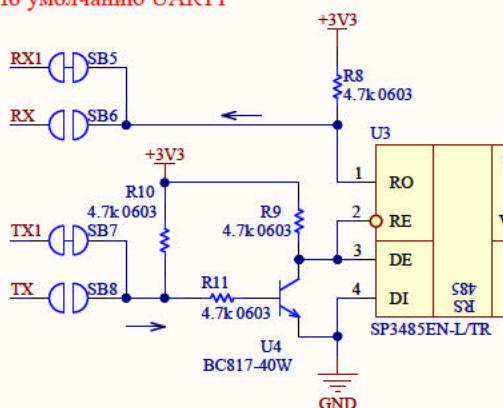
RX0-PICO input

**UART**

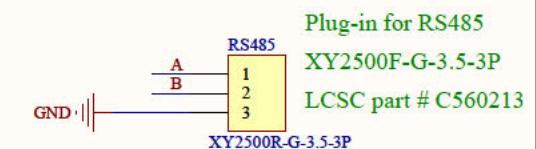
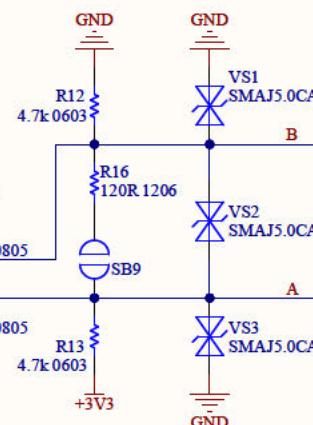
TX0-PICO input

**A****B****C****C****D****RS485**

По умолчанию UART1



SMAJ5.0CA



1

2

3

4

1

2

3

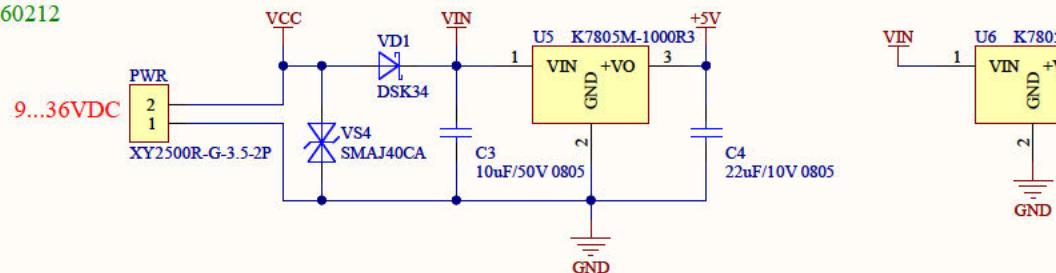
4

Plug-in for PWR

XY2500F-G-3.5-2P

LCSC part # C560212

## +5V Power Supply

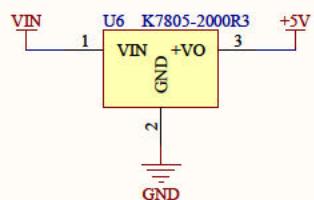


USUALLY

1A - U5

2A - U6

3A - U7



A

A

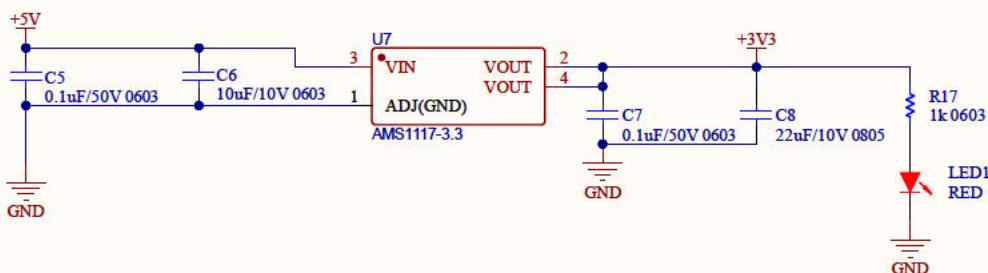
B

B

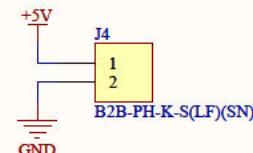
C

C

## +3.3V Power Supply



## Power Connector



1

2

3

4



D

D