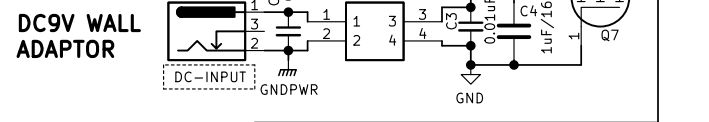
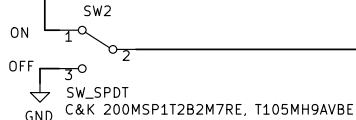


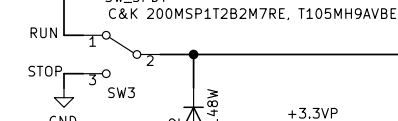
DC9V WALL ADAPTOR



MAINS POWER SWITCH

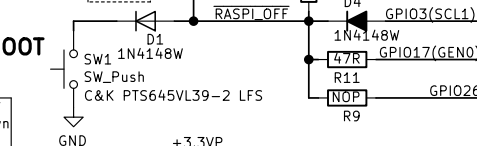


RAS-PI POWER SWITCH

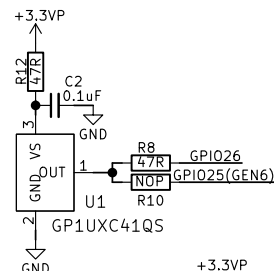


RAS-PI SHUT/REBOOT SWITCH

Short Push = REBOOT
Long Push = ShutDown
Push again = Boot



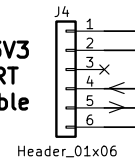
IR Receiver



I2C OEL DISPLAY (OPTIONAL)



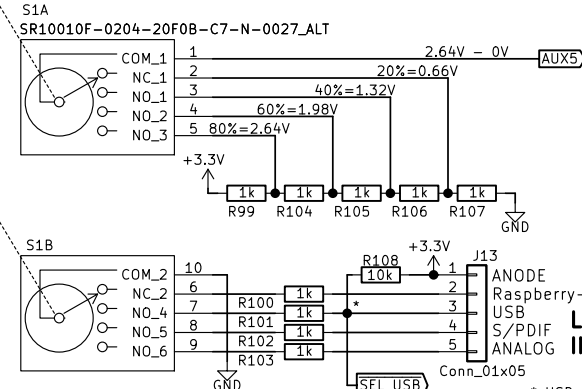
FTDI TTL-232R-3V3 USB-UART DEBUG Cable



SOURCE SELECT SWITCH

LOOK-UP-TABLE

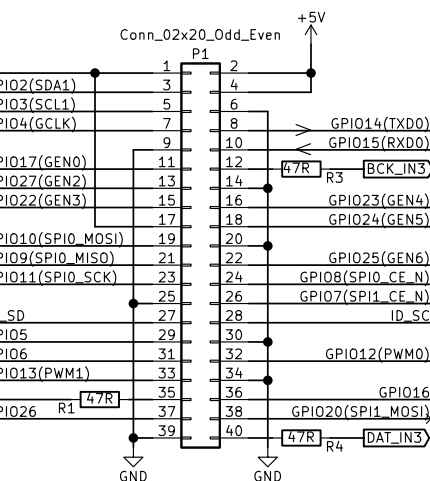
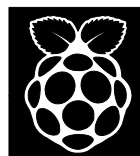
| SOURCE | MIN | MAX |
|----------|-----|-----|
| 4:Analog | 12 | 15 |
| 3:S/PDIF | 9 | 11 |
| 2:USB | 6 | 8 |
| 1:RAS-Pi | 3 | 5 |
| 0:MUTE | 0 | 2 |



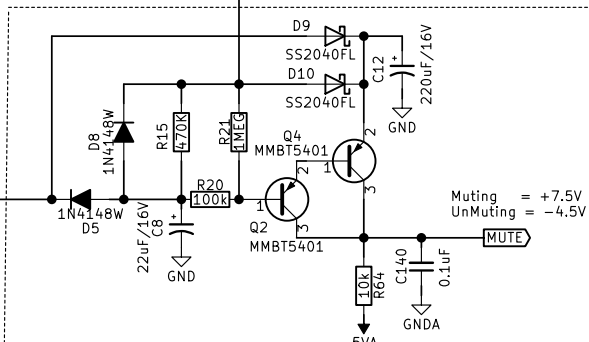
LED SOURCE INDICATOR

* USB Position has Changed

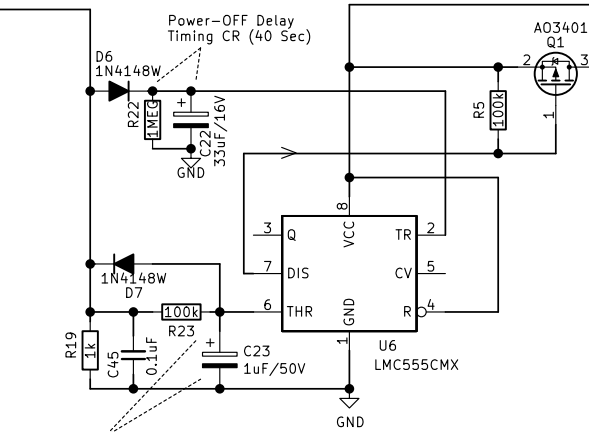
Raspberry-Pi Slot



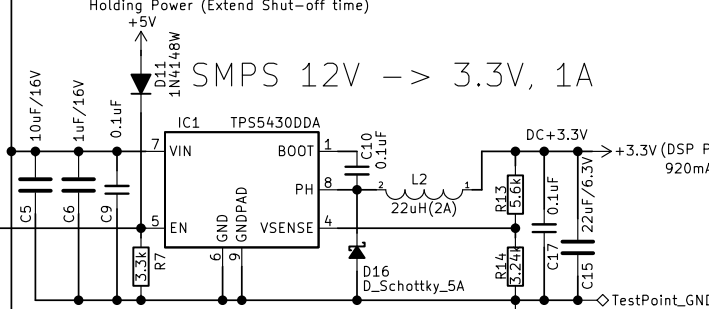
Power ON/OFF Mute Driver



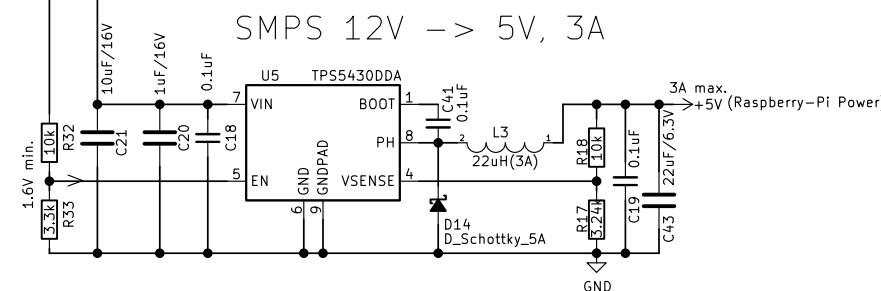
Shutdown Delay Driver



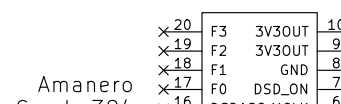
SMPS 12V -> 3.3V, 1A



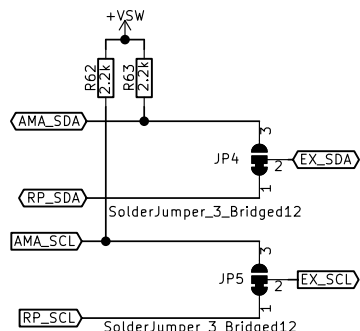
SMPS 12V -> 5V, 3A



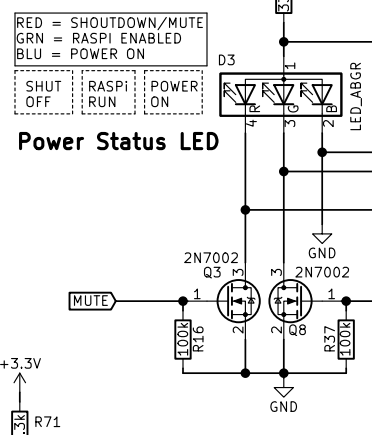
Combo384 Slot



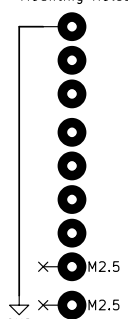
amanero technologies



Power Status LED



Mounting Holes



Designed by CyberPit 2023

Sheet: /
File: FreeDSP_OCTAVIA.sch

Title: FreeDSP OVTAVIA Main Board

Size: A3 Date: 2023-12-03
KiCad E.D.A. kicad (5.1.9-0-10.14)

Rev: 1.1
Id: 1/3

