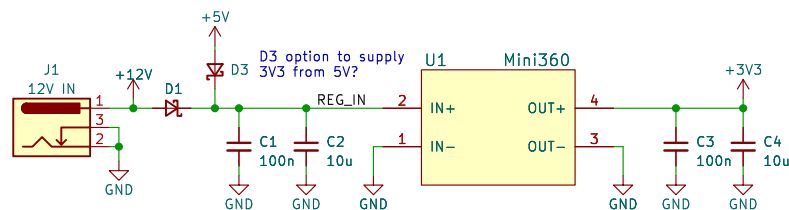
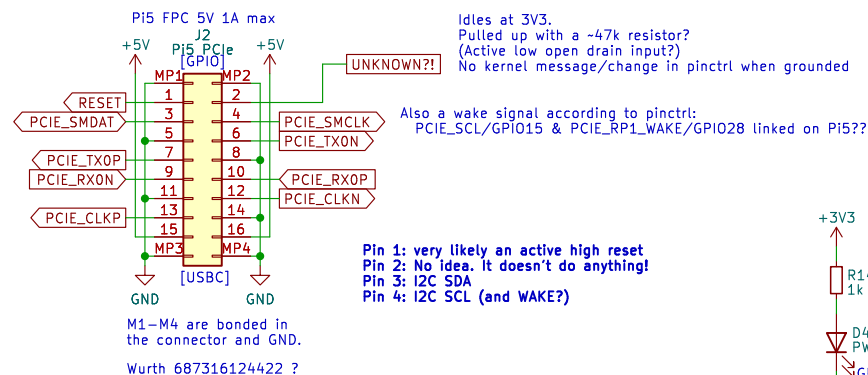
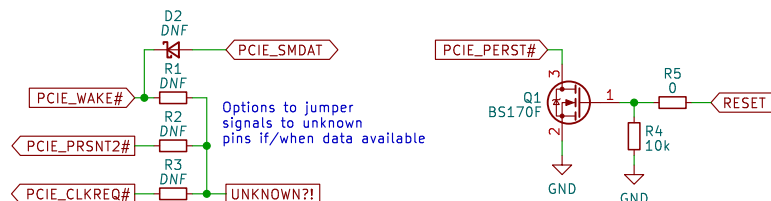


- Reference clock (REFCLK-/REFCLK+), must be supplied by the system (see Section 2.1.1)
- Add-in Card presence detect pins (PRSENT1# and PRSENT2#), required
- PERST#, required
- CLKREQ#, optional
- JTAG, optional
- SMBus, optional
- Wake (WAKE#), required only if the device/system supports wakeup and/or the Optimized Buffer Flush/Fill (OBBF) mechanism
- Power Brake (PWRBRK#), optional
- +3.3 Vaux, optional

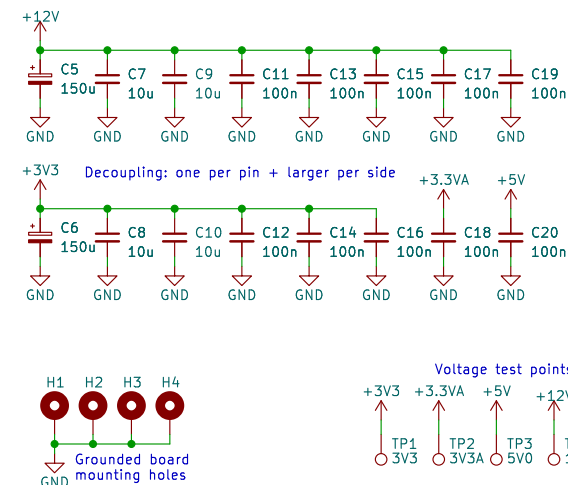
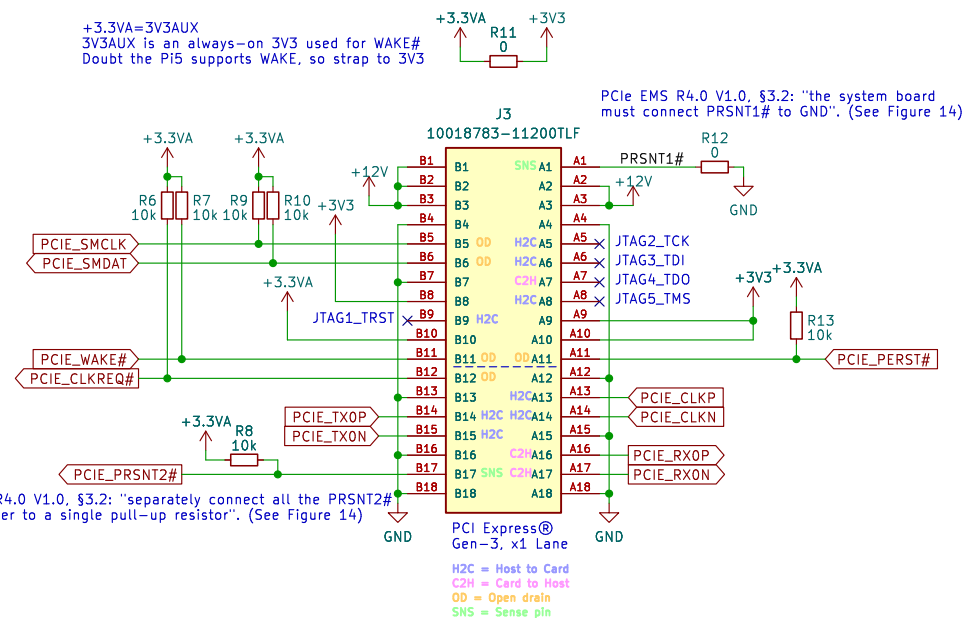
See also: https://en.wikipedia.org/wiki/PCI_Express



+3V3: 3.0A / 1000uF max
+12V0: 5.5A / 2000uF max
+3V3A: 0.4A / 150uF max

Notes:

Watch 12V current on connector
Pi5 only supplies 5V 1A: 5W max



George M1GEO, Chris G80CV

Sheet: /
File: Pi5_PClc.kicad_sch

Title: Raspberry Pi 5 PCIe Breakout

Size: A4	Date: 2023-11-15
----------	------------------

KiCad E.D.A.	7.0.9-7.0.9~ubuntu22.04.1
--------------	---------------------------

Rev: 0.99

Id: 1/1