

Jetson Orin Baseboard Storage Expansion

Expansion Connector



File: expansion-conn.kicad_sch

M.2



File: m-2.kicad_sch

USB and SD Card



File: sd.kicad_sch



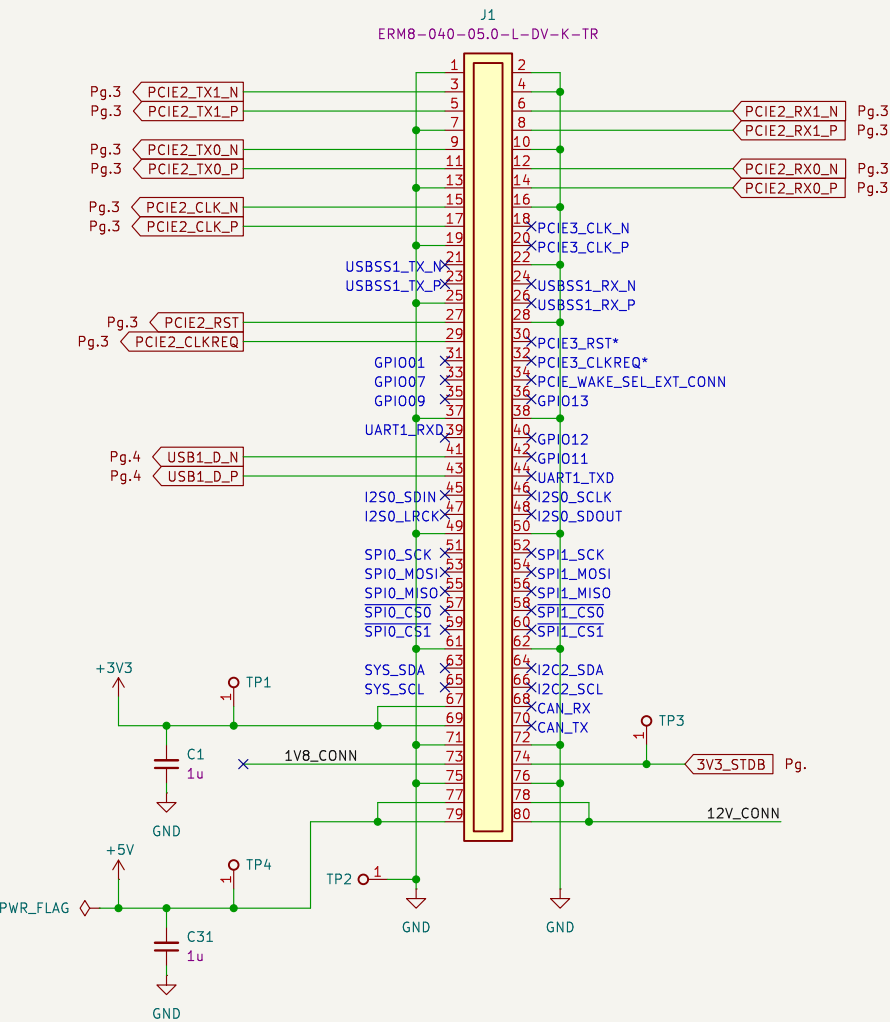
Antmicro Ltd

Sheet: /
File: jetson-orin-baseboard-storage-expansion.kicad_sch

Title: Jetson Orin Baseboard Storage Expansion

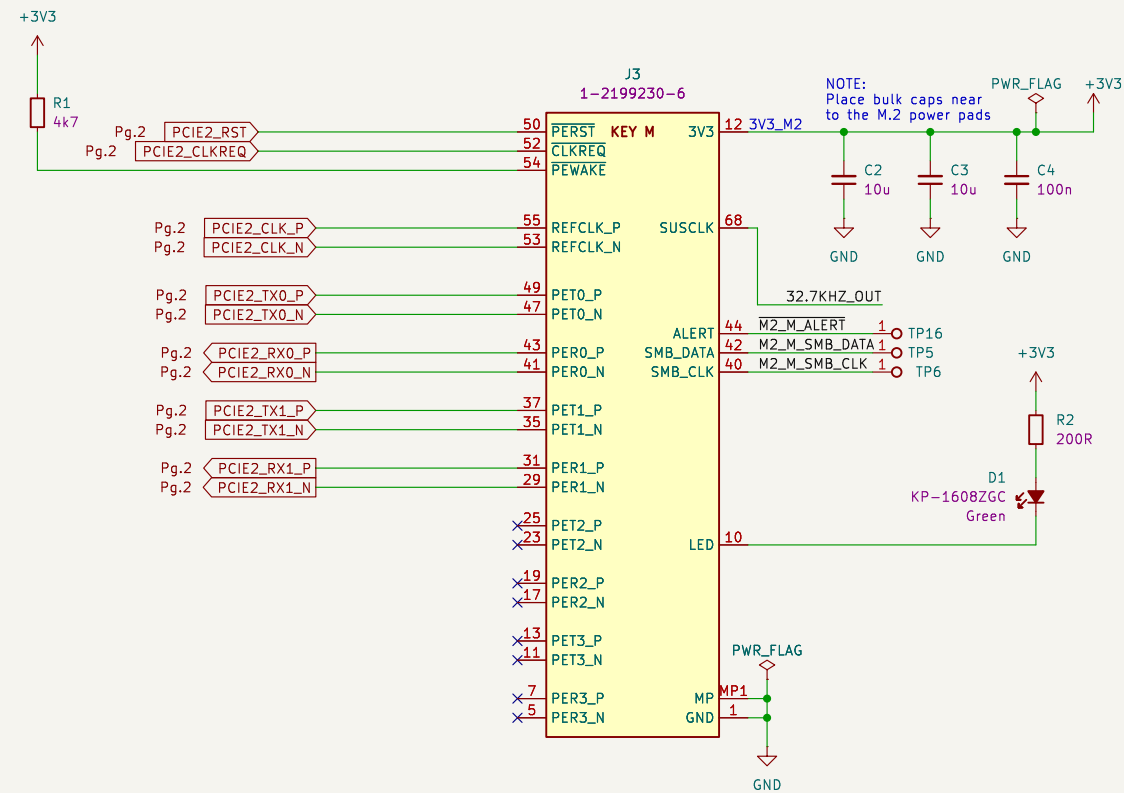
| | | |
|-------------------------------|------------------|------------------|
| Size: A3 | Date: 2024-10-15 | Rev: 1.2.1:518c0 |
| KiCad E.D.A. kicad-cli 7.0.11 | | Id: 1/4 |

Expansion connector

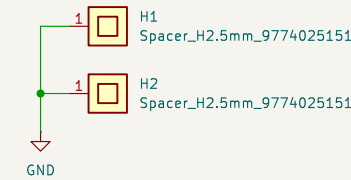


M.2 connector

PCIe WAKE# Open Drain with pull up on platform. Active Low



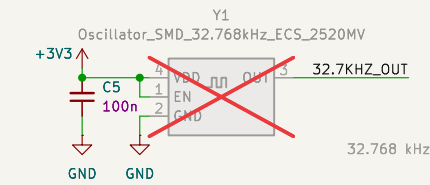
M.2 spacers



Spacers for 2 lane NVMe M.2 drives
Support for the 2280 and 2242 disk sizes

SUSCLK SOURCE

NOTE: DNP
32 kHz clock useful for card power-saving but not required



Antmicro Ltd

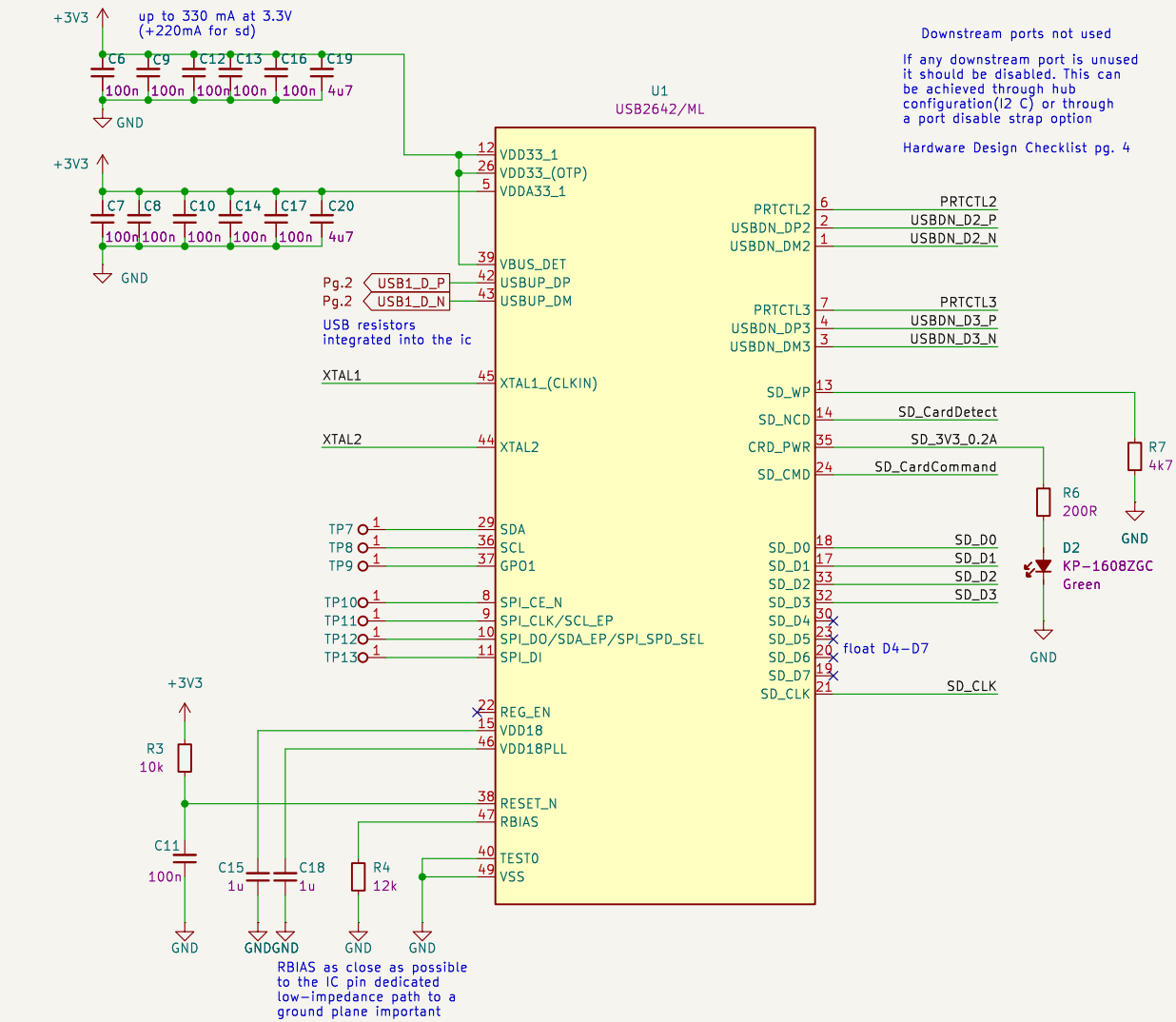
Sheet: /M.2/
File: m-2.kicad_sch

Title: Jetson Orin Baseboard Storage Expansion

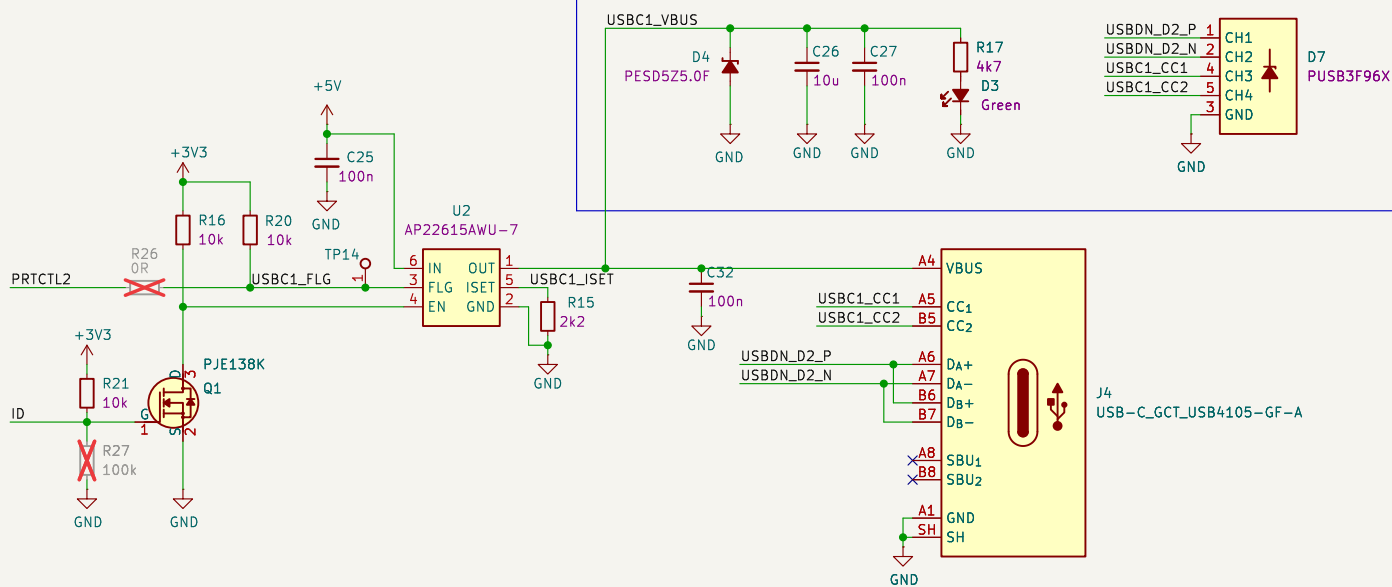
Size: A3 Date: 2024-10-15
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.2.1:518c0
Id: 3/4

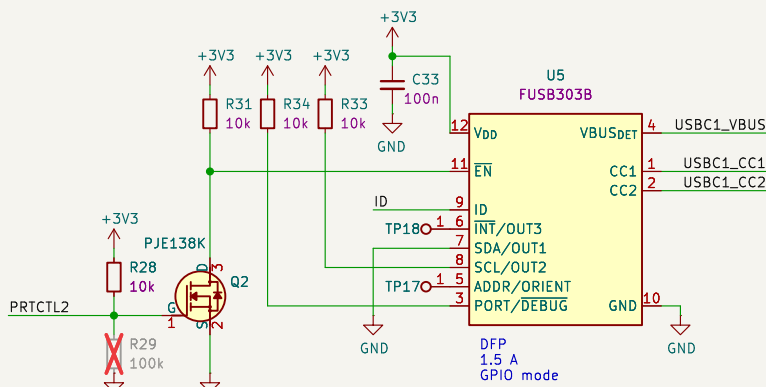
USB 2.0 Flash Media Card Controller



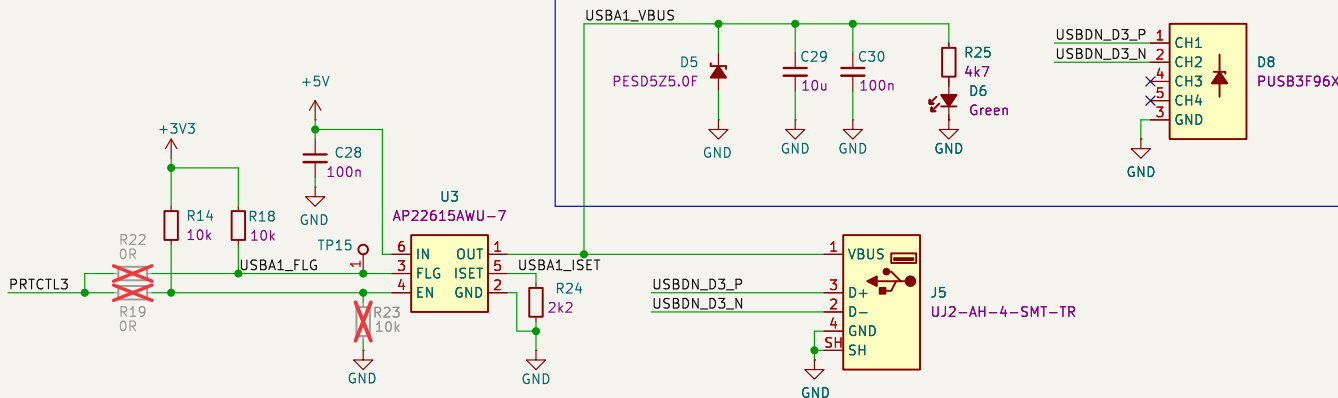
USB-C 1



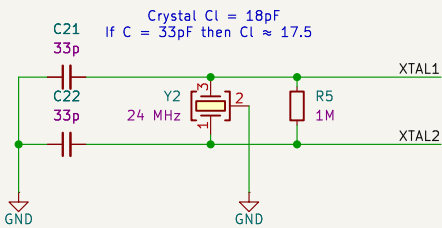
USB-C 1 CC controller



USB-A 1



Clock circuit



MicroSD card slot

