

Jetson Orin Baseboard Storage Expansion

Expansion Connector



File: expansion-conn.kicad_sch

M.2



File: m-2.kicad_sch

SD Card



File: sd.kicad_sch



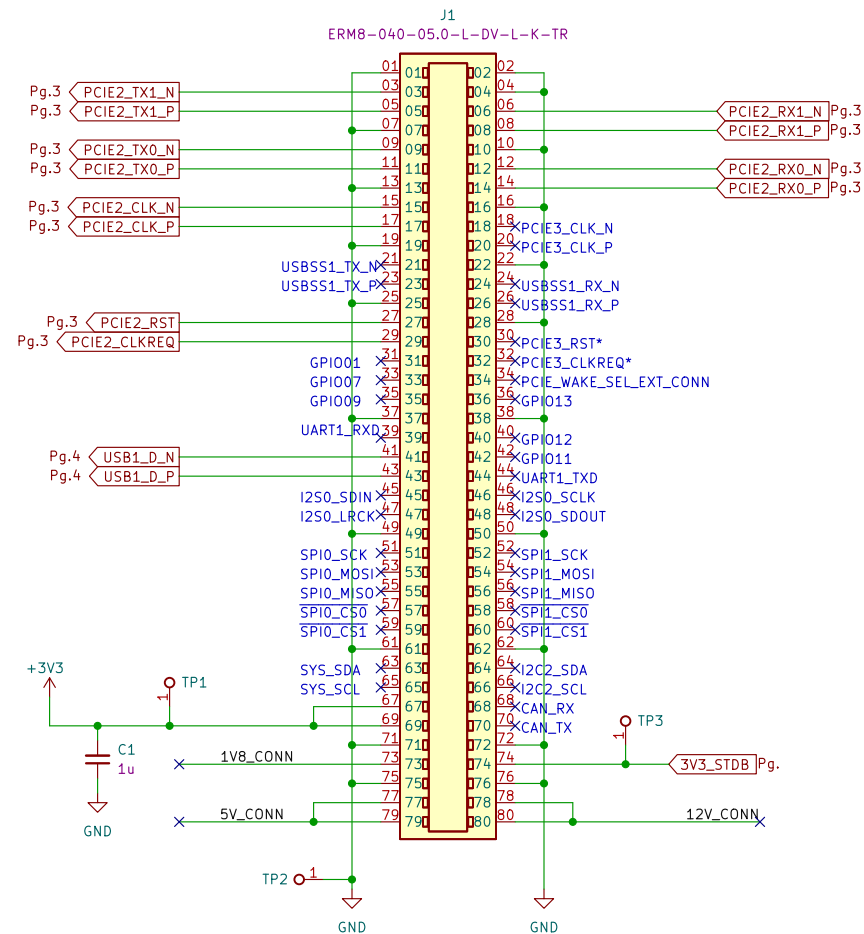
Antmicro Ltd

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

Title: Jetson Orin Baseboard Storage Expansion

Size: A3	Date: 2023-10-16	Rev: 1.1.0
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1		Id: 1/4

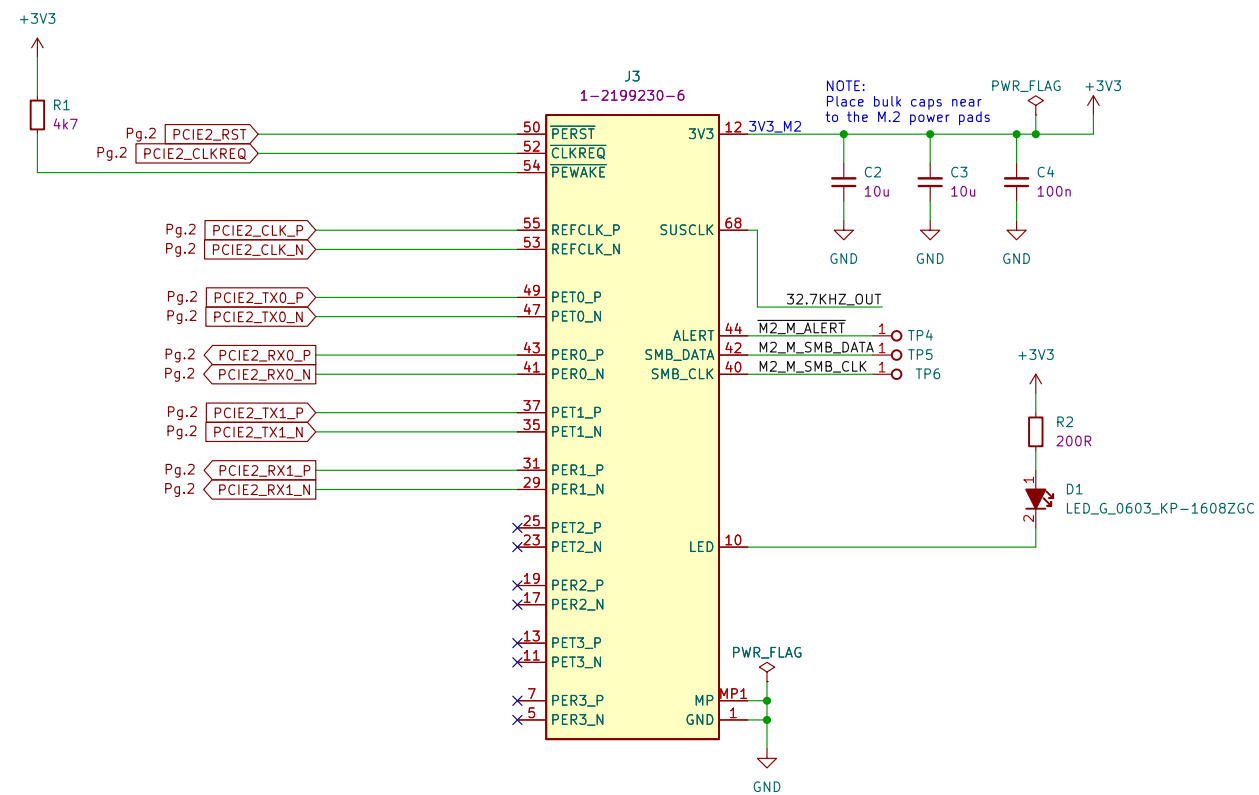
Expansion connector



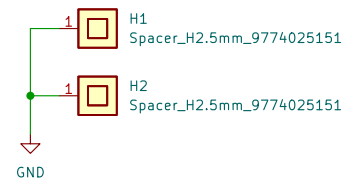
Antmicro Ltd		
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Size: A3	Date: 2023-10-16	Rev: 1.1.0
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1		Id: 2/4

M.2 connector

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



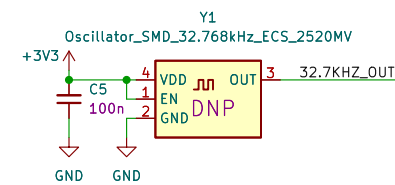
M.2 spacers



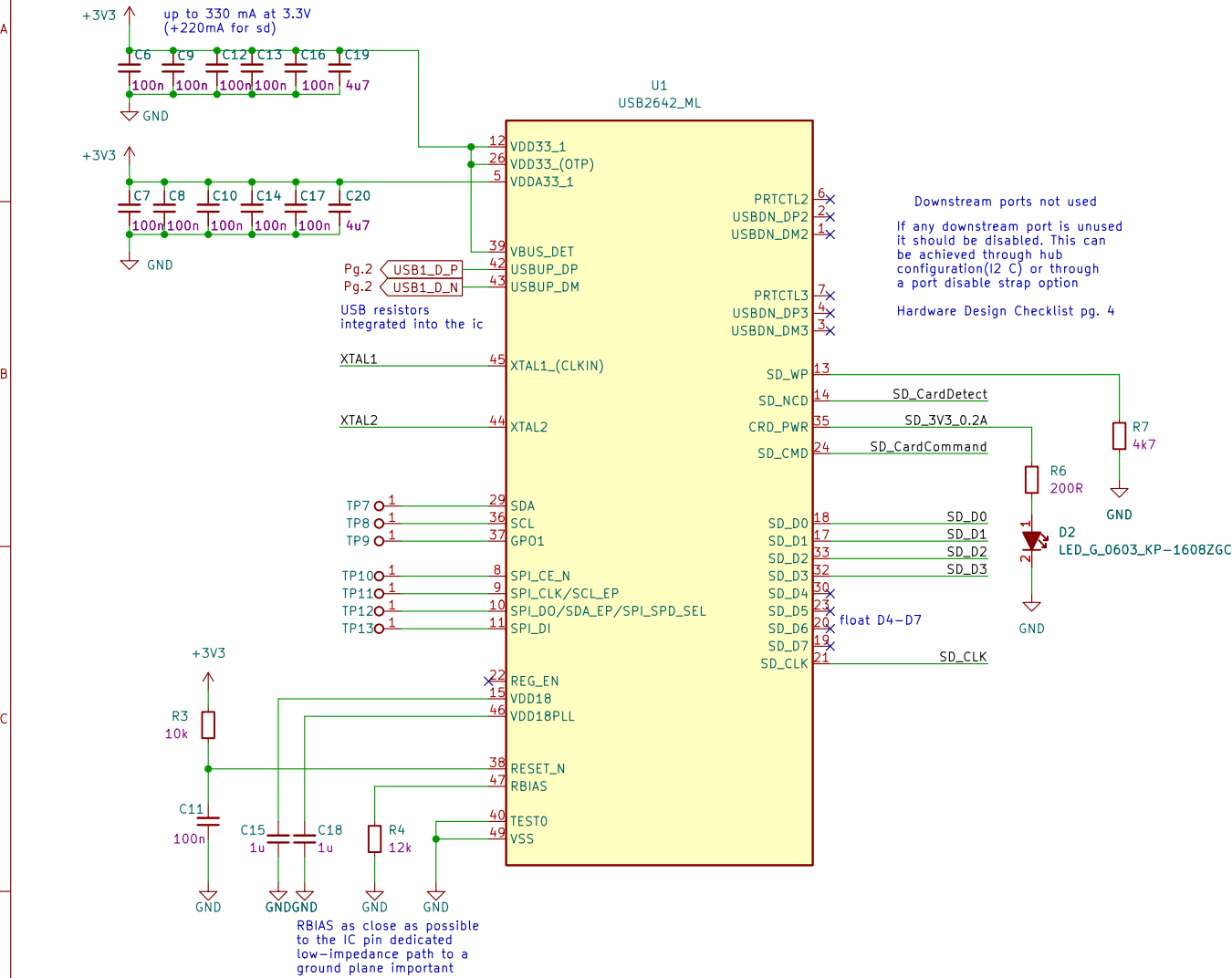
Spacers for 2 lane NVMe M.2 drives
Support for the 2280 and 2242 disk sizes

SUSCLK SOURCE

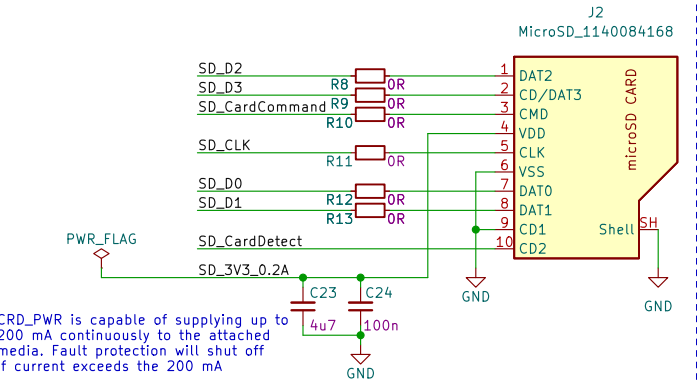
NOTE: DNP
32 kHz clock useful for card power-saving but not required



USB 2.0 Flash Media Card Controller



MicroSD card slot



Clock circuit

