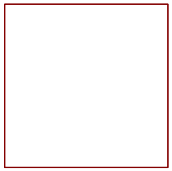
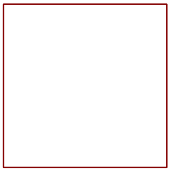
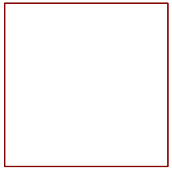
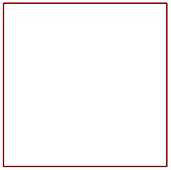








Stackup: JLC06161H-3313

By Madhav Kapa

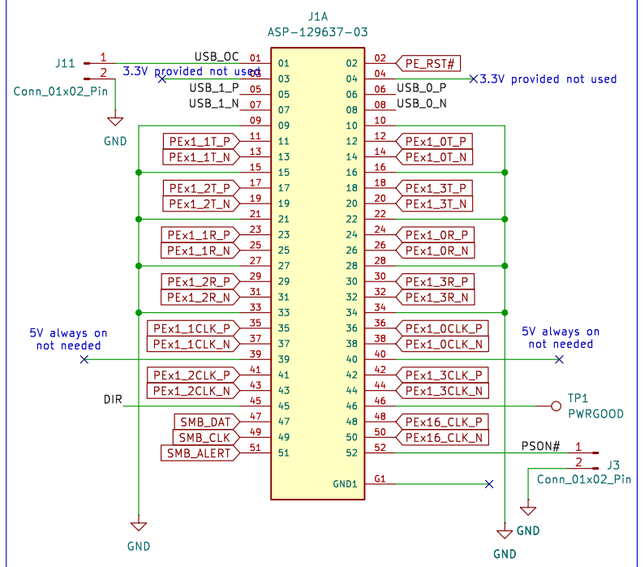
Sheet: /

File: PCI_104_PCIE_Adapterboard.kicad_sch

Title: PCIe/104 Adapter

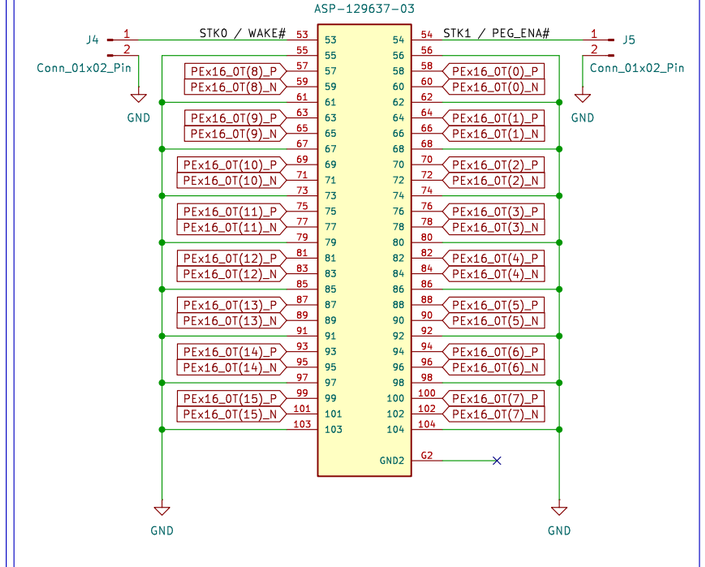
Size: A5	Date:	**Rev:**
KiCad E.D.A. 9.0.2		Id: 1/5

Bank 1

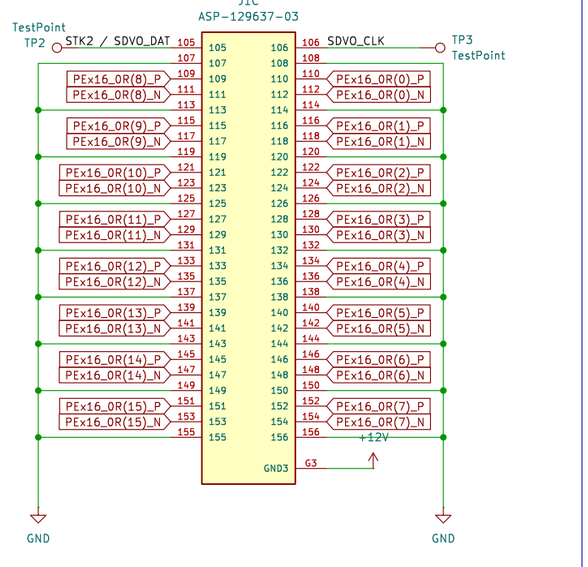


Bank 2

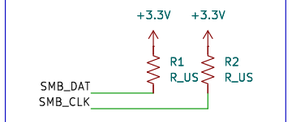
Any Device that uses the x16 Link attaches PEG_ENA to ground



Bank 3



Pullups for SMBus



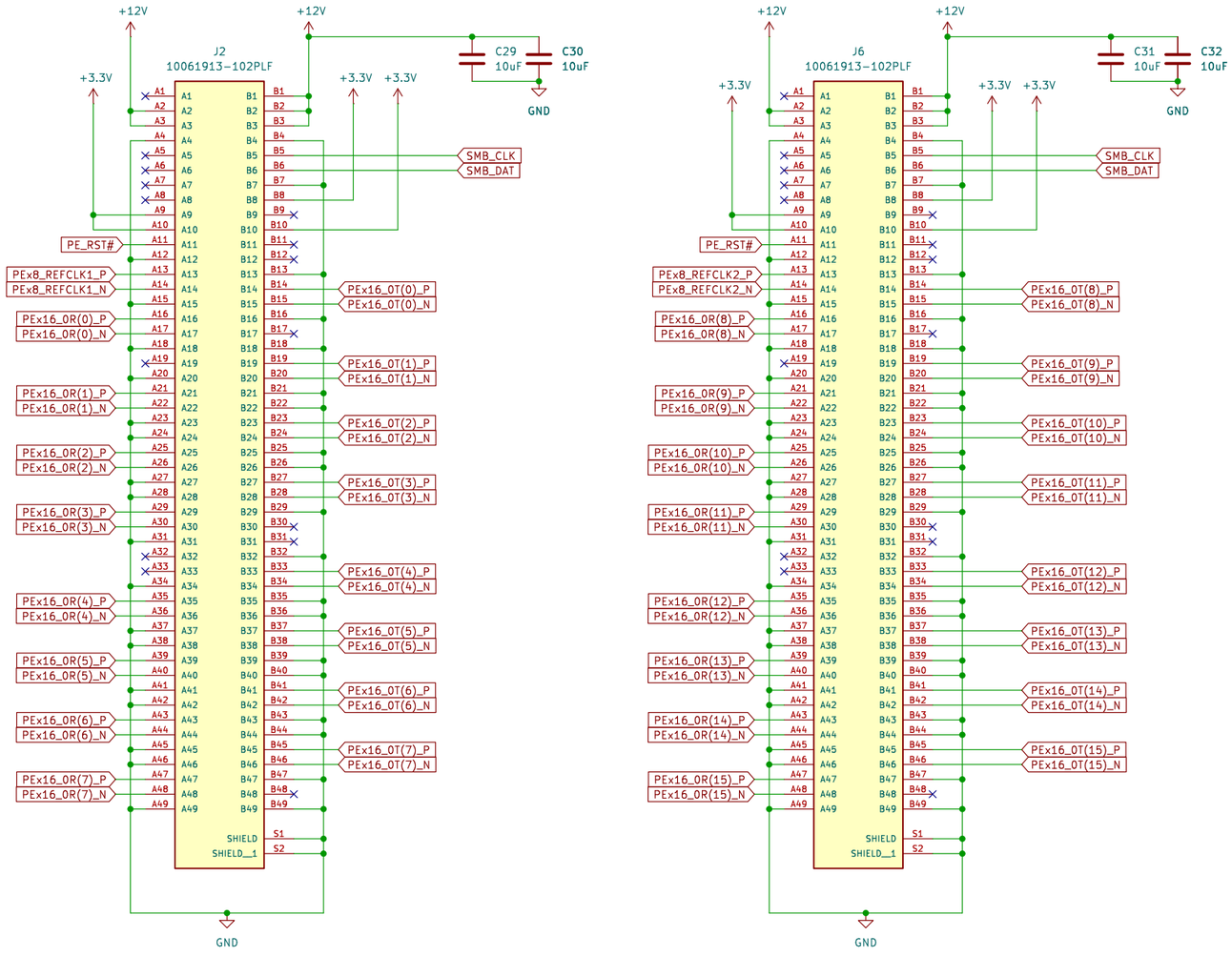
By Madhav Kapa

Sheet: /PCIe 104/
File: pcie_104.kicad_sch

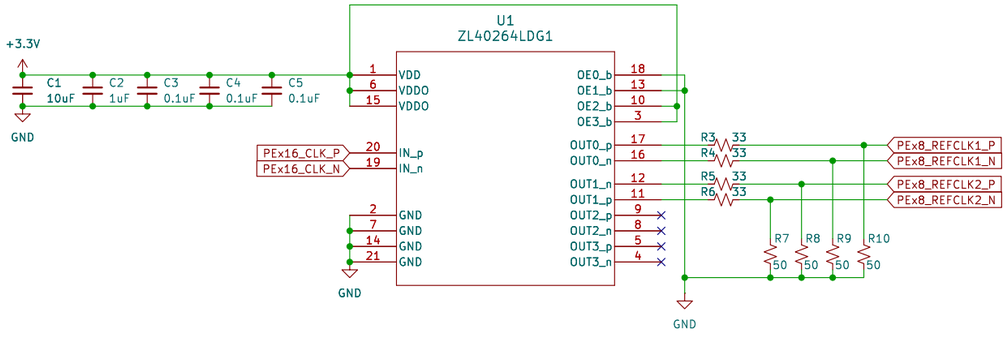
Title: PCIe/104 Adapter

Size: A3	Date:	**Rev:**
KiCad E.D.A. 9.0.2		Id: 2/5

PCIe x8 bifurcated slots



Clock buffer for PCIe CLK



By Madhav Kapa

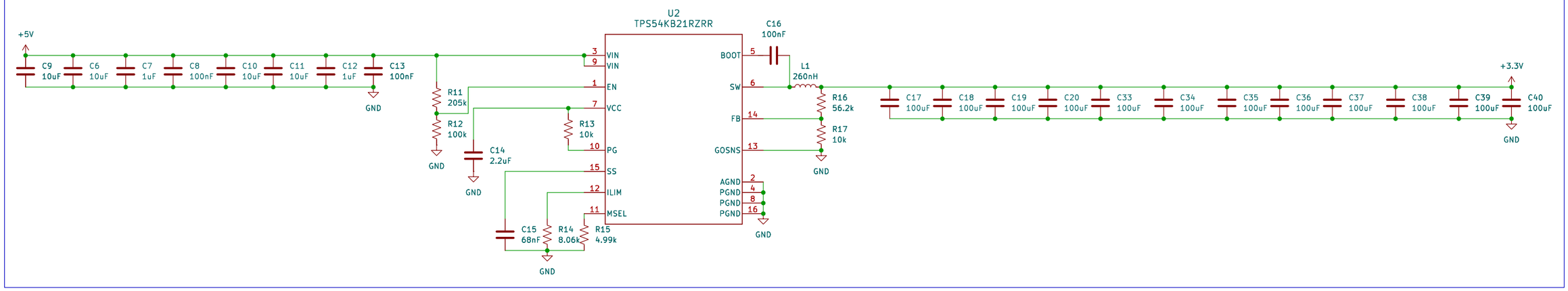
Sheet: /Bifurcation/

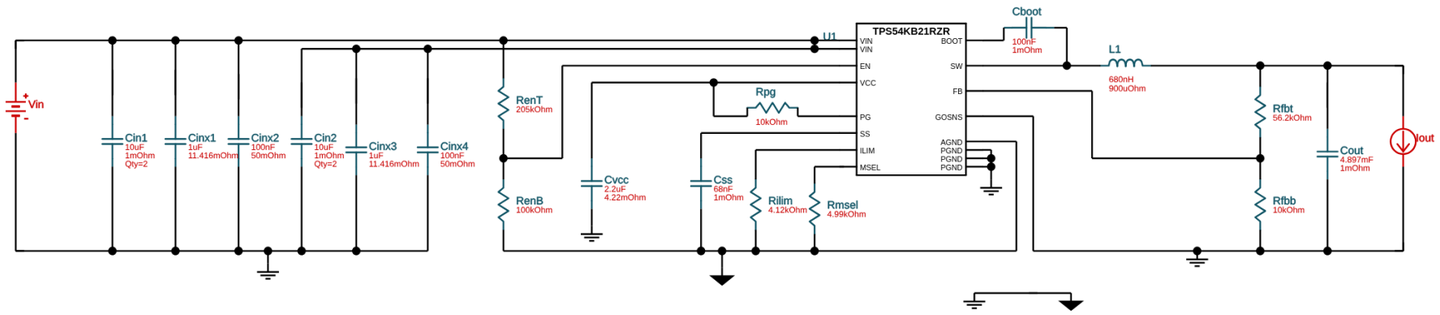
File: bifurcation.kicad_sch

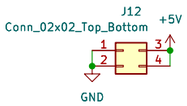
Title: PCIe/104 Adapter

Size: A3	Date:	Rev:
KiCad E.D.A. 9.0.2		Id: 3/5

5V to 3.3V DC/DC converter



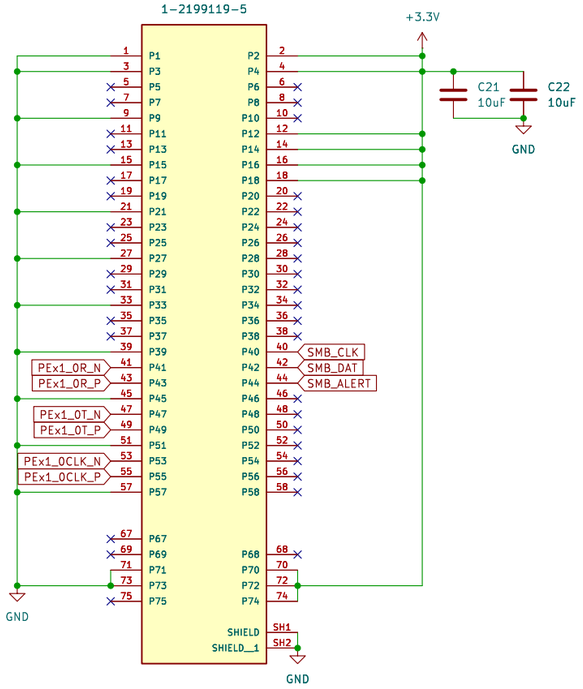




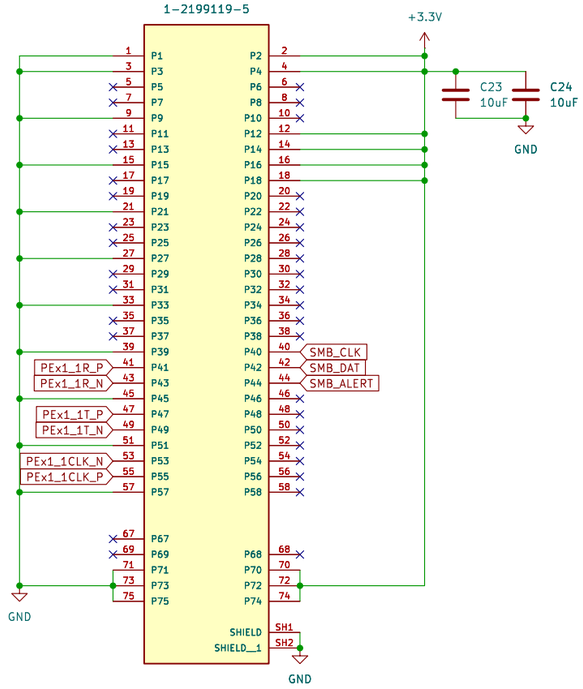
By Madhav Kapa		
Sheet: /Power/		
File: power.kicad_sch		
Title: PCIe/104 Adapter		
Size: A3	Date:	**Rev:**
KiCad E.D.A. 9.0.2		Id: 4/5

M.2 NVME slots (M-Key)

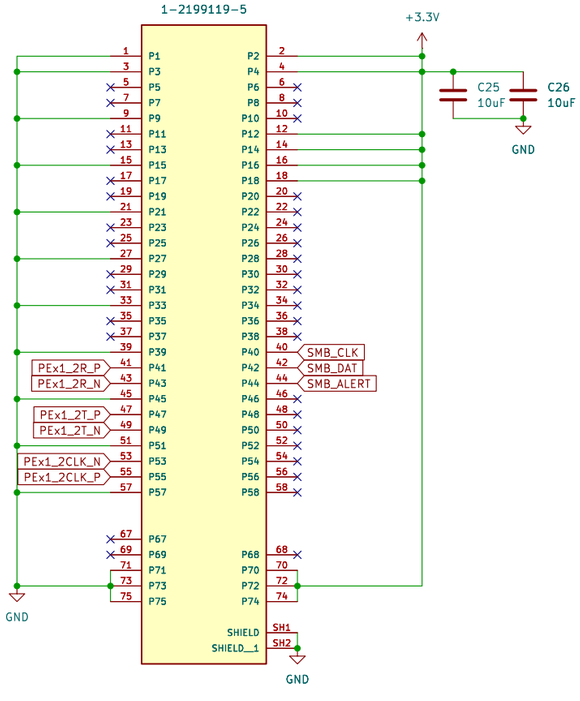
J7
1-2199119-5



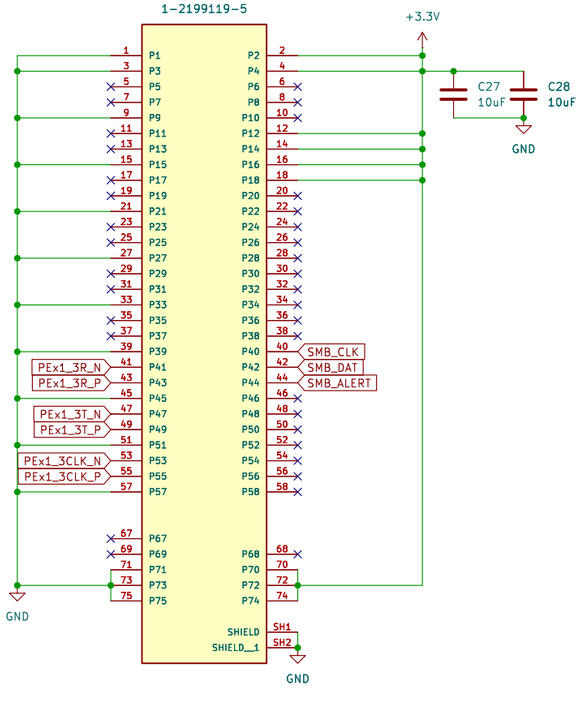
J8
1-2199119-5



J9
1-2199119-5



J10
1-2199119-5



H5 MountingHole_Pad

H6 MountingHole_Pad

H7 MountingHole_Pad

H8 MountingHole_Pad

By Madhav Kapa

Sheet: /M.2 NVME/

File: m2_nvme.kicad_sch

Title: PCIe/104 Adapter

Size: A3	Date:	Rev:
KiCad E.D.A. 9.0.2		Id: 5/5