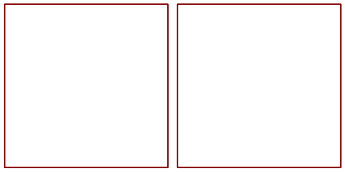
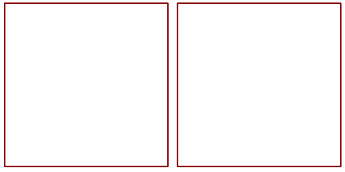




By Madhav Kapa

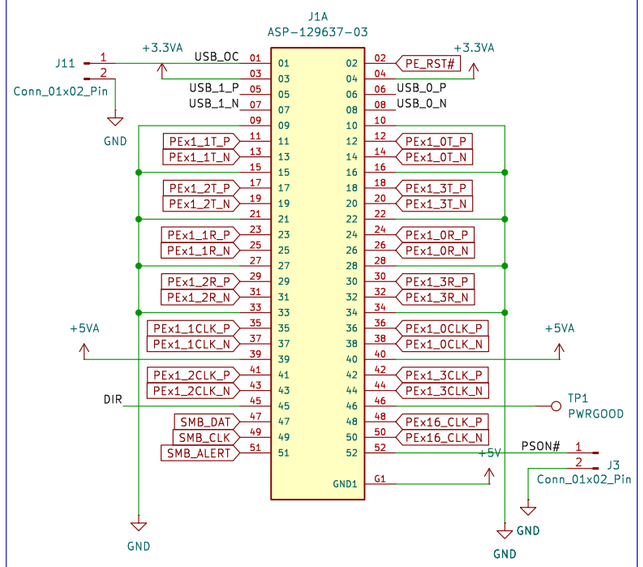
Sheet: /

File: PCI_104_PCIE_Adapterboard.kicad_sch

Title: PCIe/104 Adapter

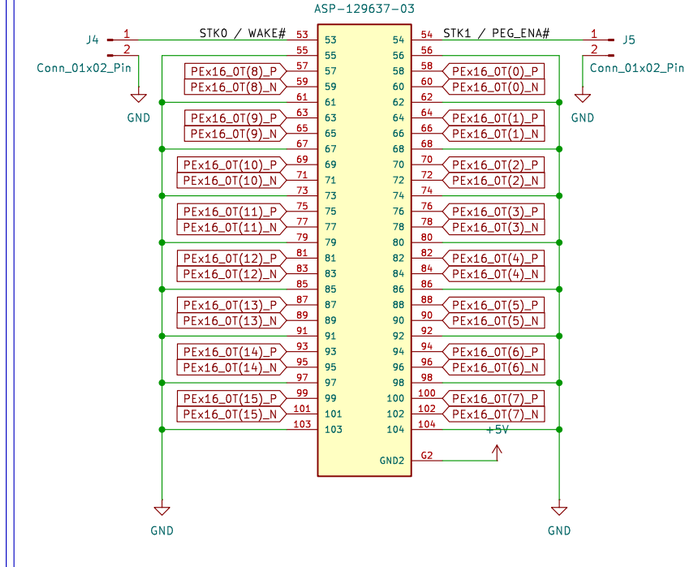
Size: A5	Date:	**Rev:**
KiCad E.D.A. 9.0.2		Id: 1/5

Bank 1

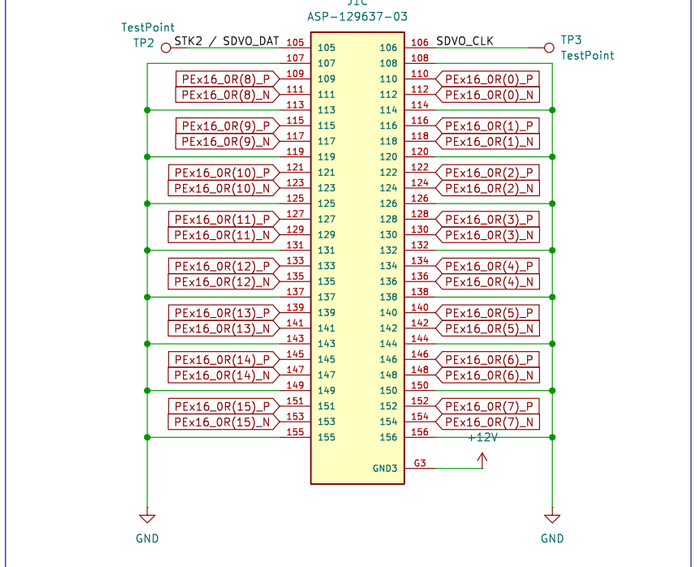


Bank 2

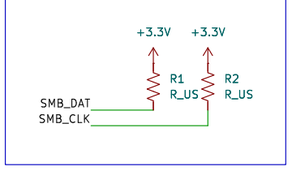
Any Device that uses the x16 Link attaches PEG_ENA to ground



Bank 3



Pullups for SMBus



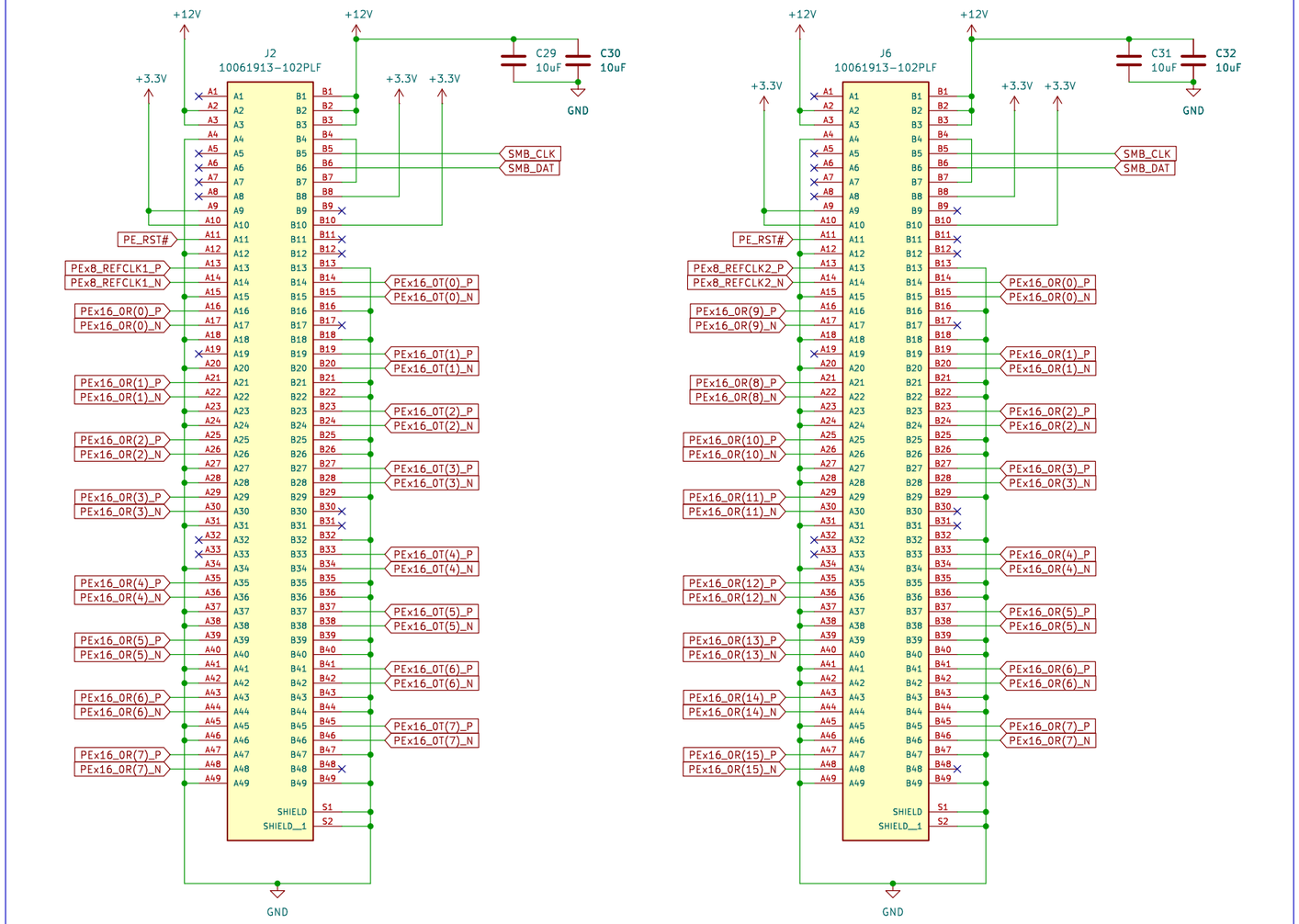
By Madhav Kapa

Sheet: /PCIe 104/
File: pcie_104.kicad_sch

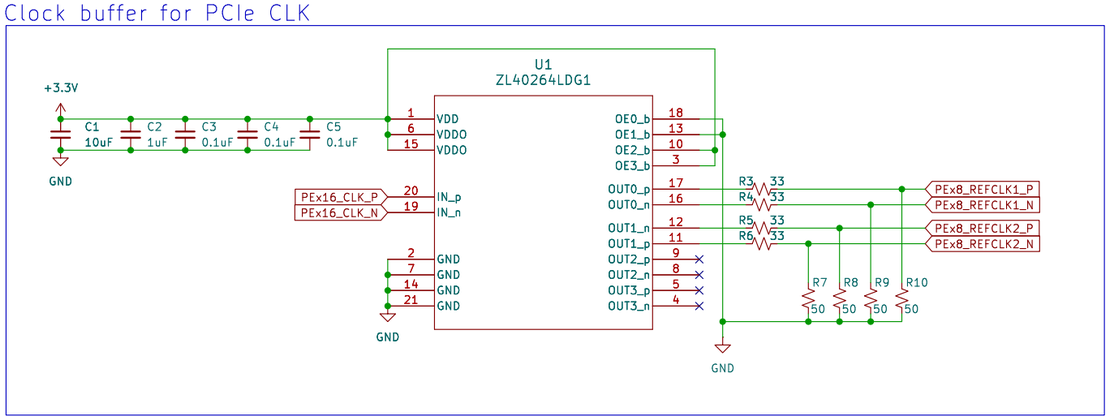
Title: PCIe/104 Adapter

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

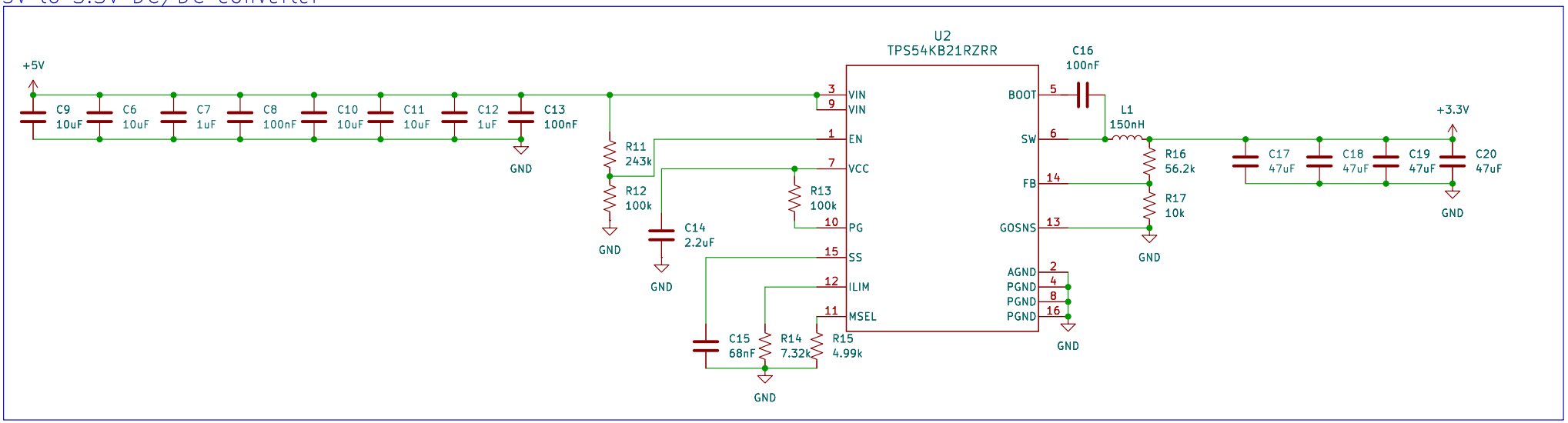
Sheet: /Bifurcation/

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

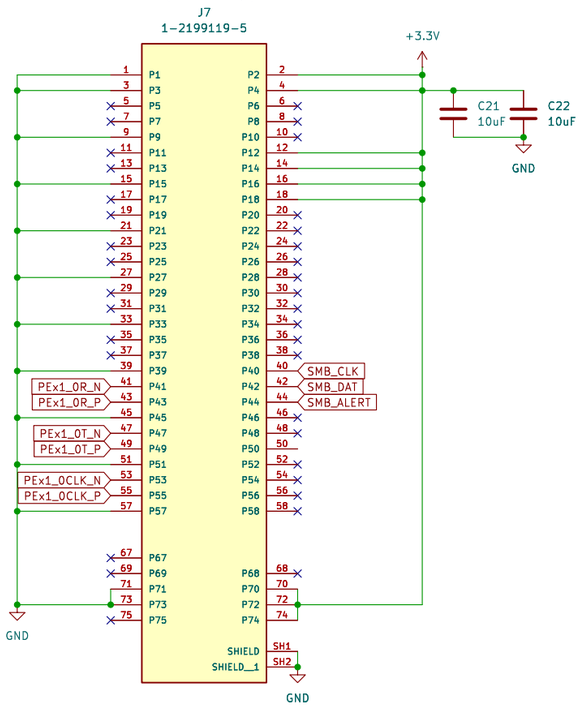
Sheet: /Power/

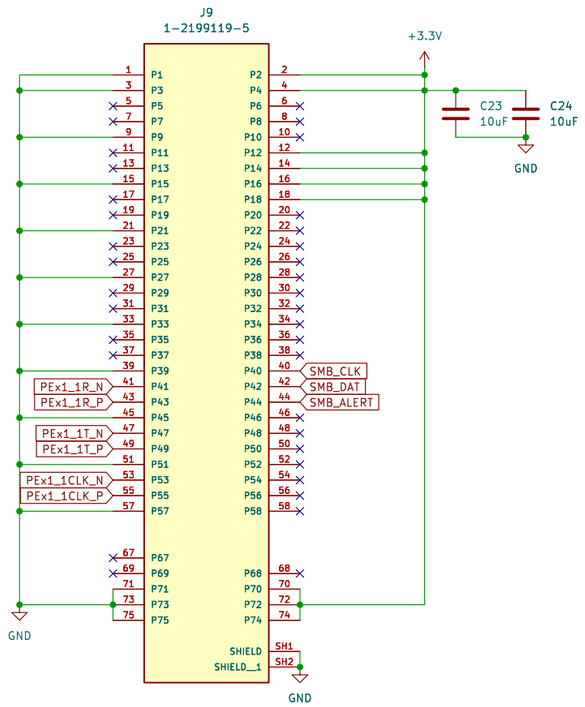
File: power.kicad_sch

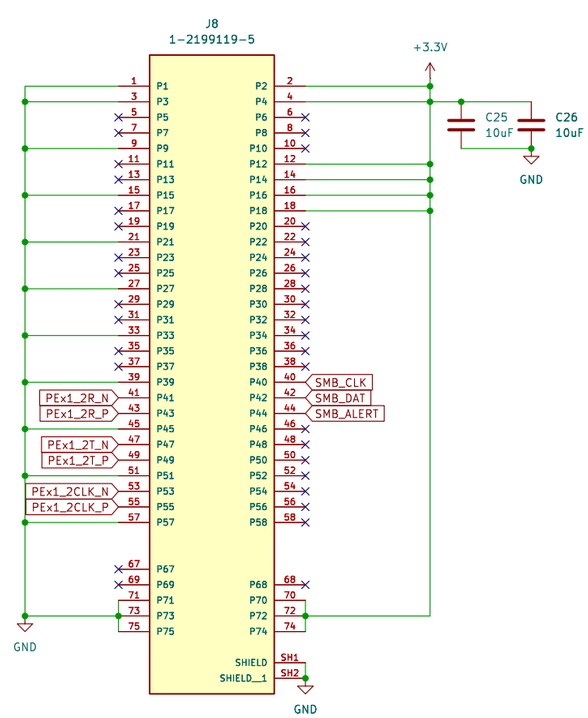
Title: PCIe/104 Adapter

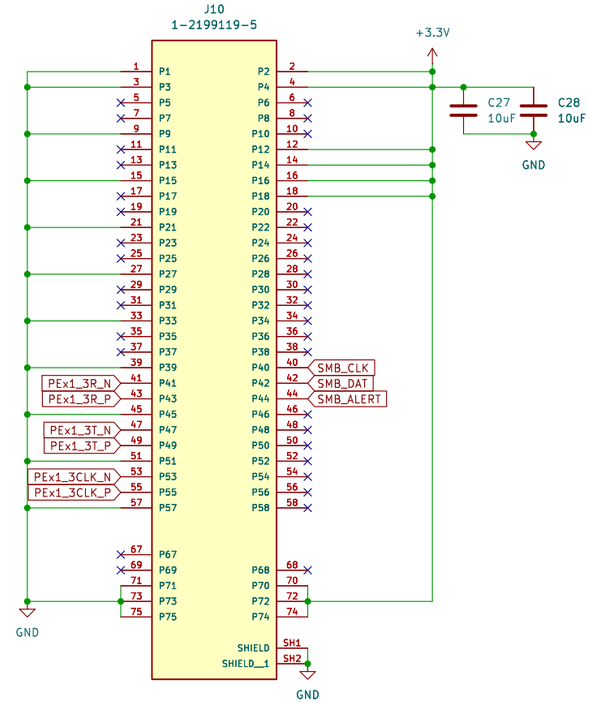
Size: A4	Date:	Rev:
KiCad E.D.A. 9.0.2		Id: 4/5

M.2 NVME slots (M-Key)









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