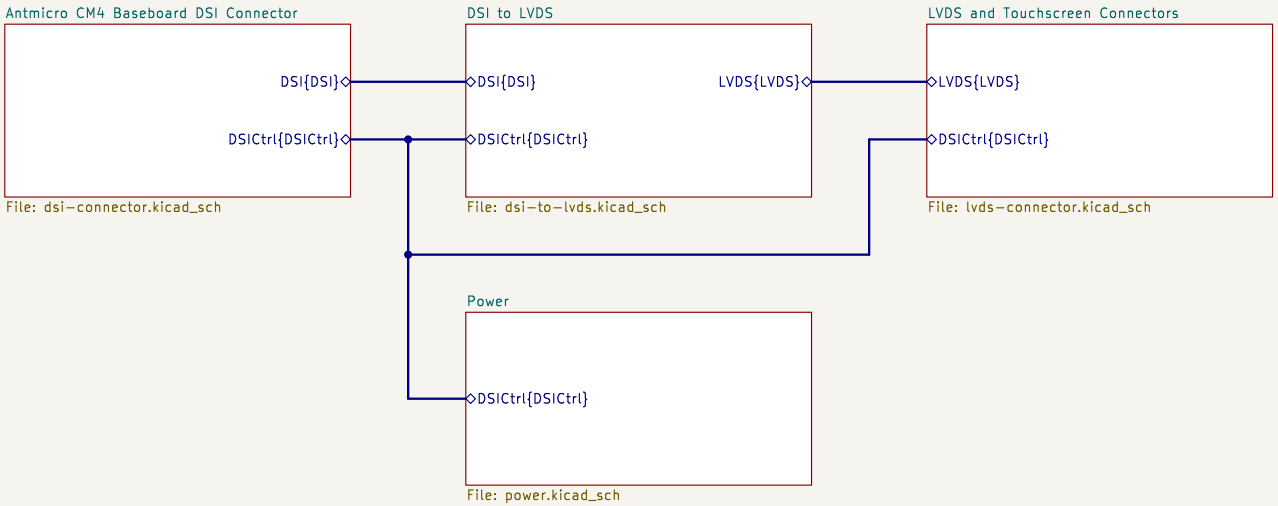

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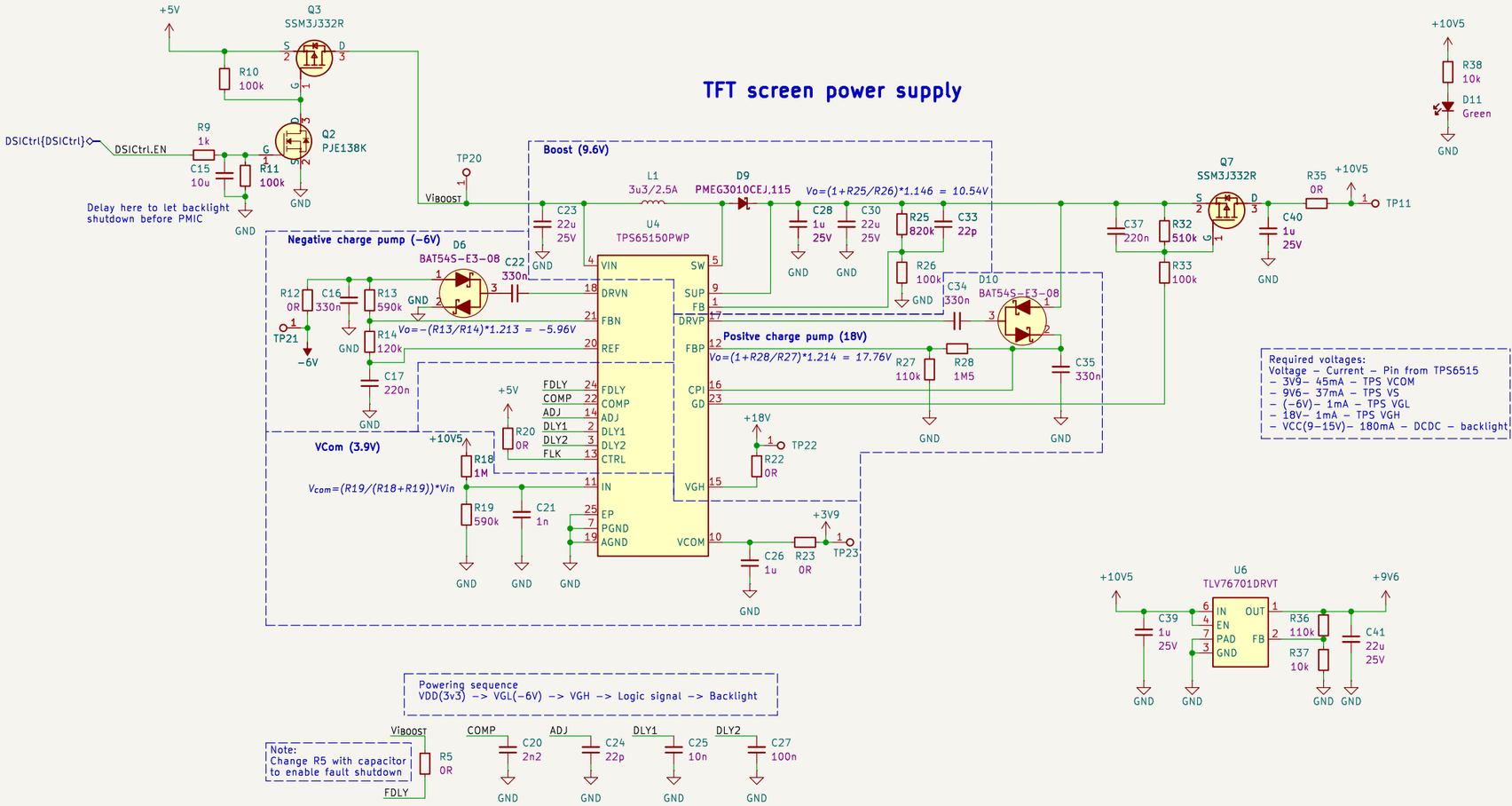
Sheet: /
File: cm4-lvds-adapter.kicad_sch

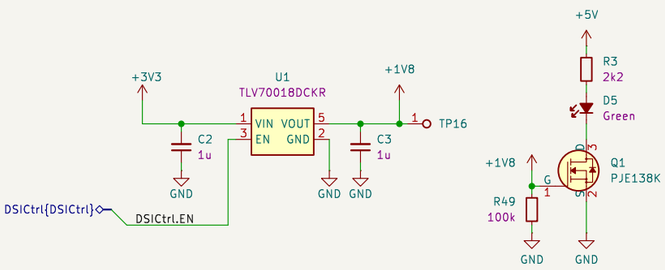
Title: CM4 Baseboard LVDS Adapter

Size: A4	Date: 2024-04-26	**Rev: 1.1.0**
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 1/5

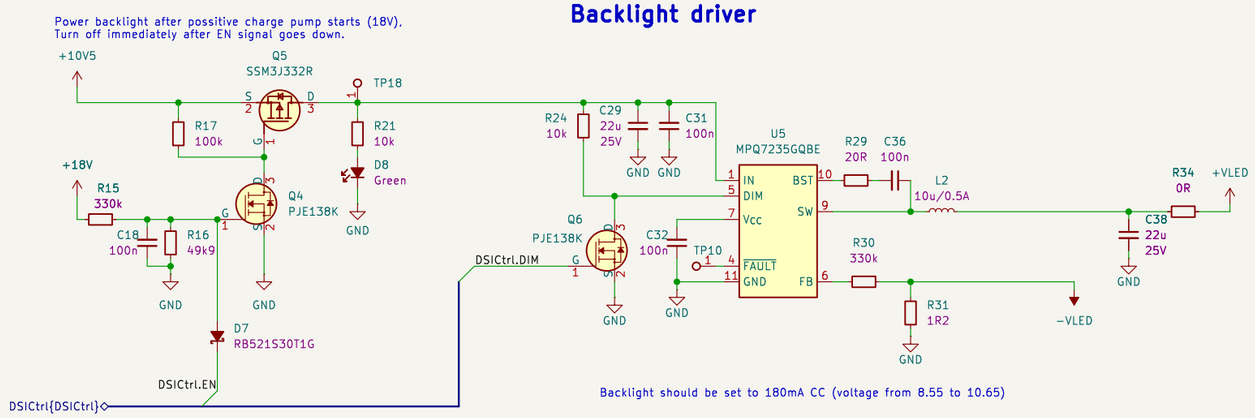
TFT screen power supply



1V8 LDO



Backlight driver



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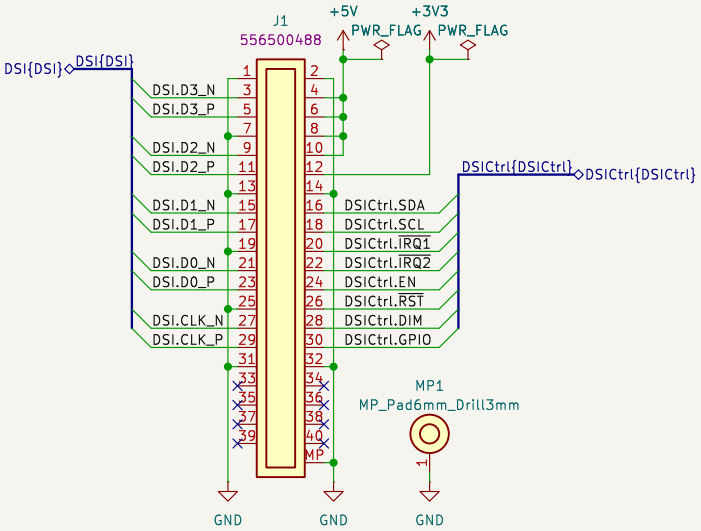
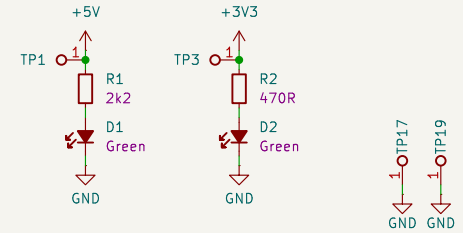
Sheet: /Power/
File: power.kicad_sch

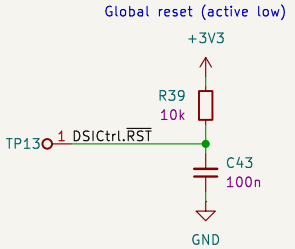
Title: CM4 Baseboard LVDS Adapter

Size: A3	Date: 2024-04-26	**Rev: 1.1.0**
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 2/5

Antmicro CM4 Baseboard DSI Connector







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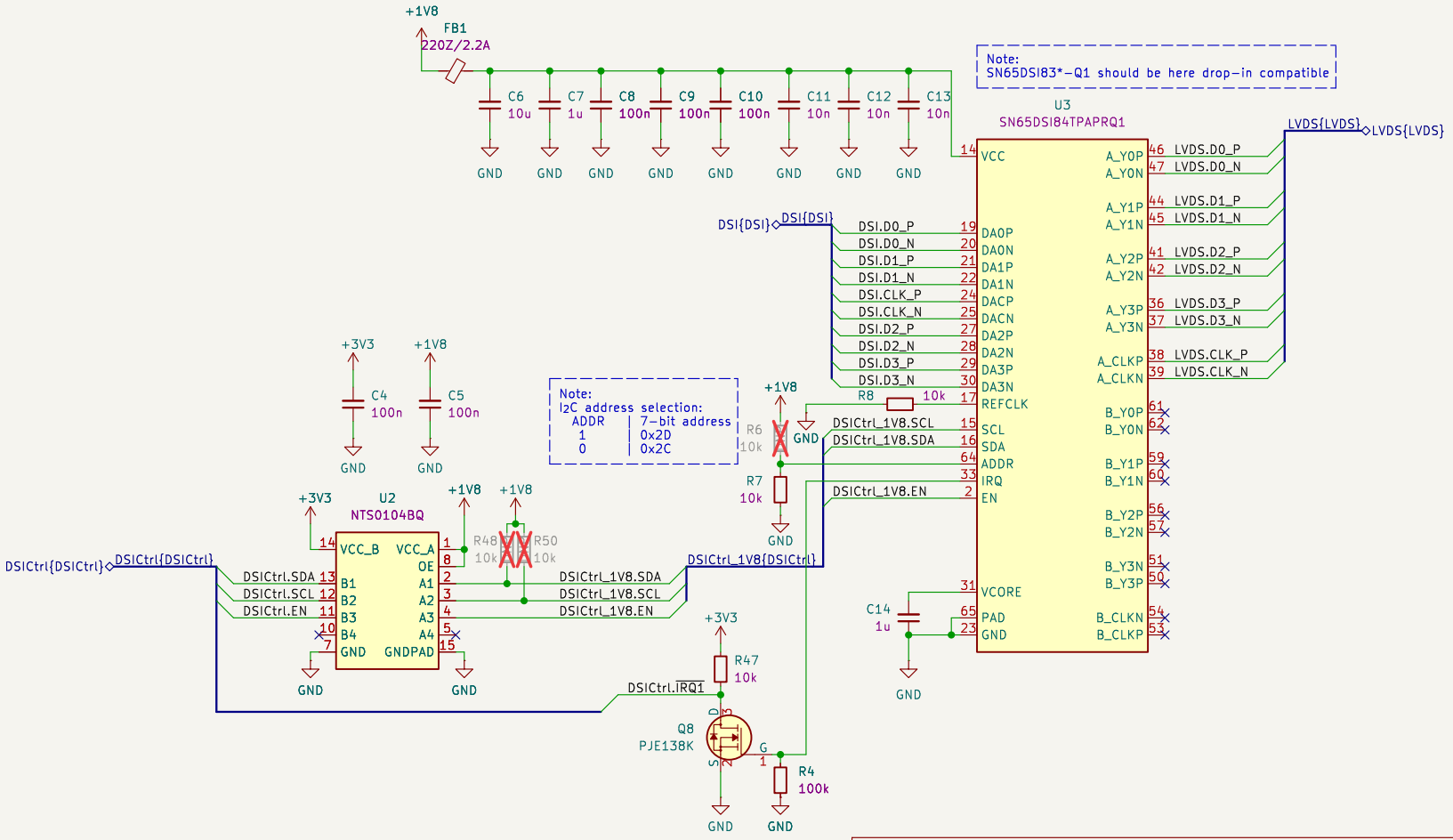
Sheet: /Antmicro CM4 Baseboard DSI Connector /
File: dsi-connector.kicad_sch

Title: CM4 Baseboard LVDS Adapter

Size: A4	Date: 2024-04-26	**Rev: 1.1.0**
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 3/5

DSI -> LVDS



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Sheet: /DSI to LVDS/

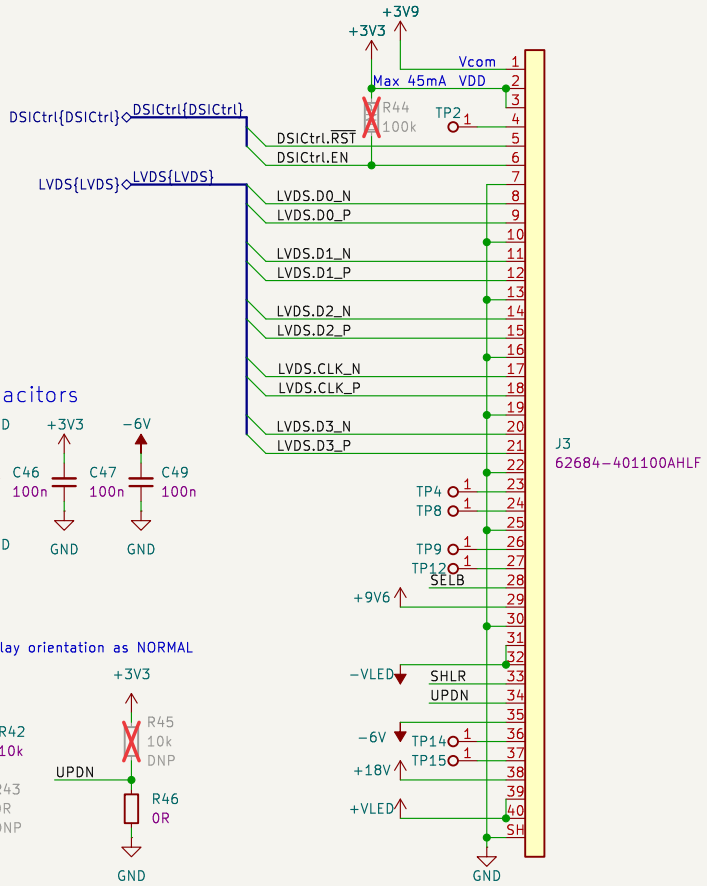
File: dsi-to-lvds.kicad_sch

Title: CM4 Baseboard LVDS Adapter

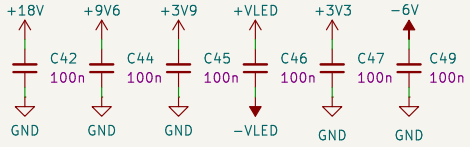
Size: A4	Date: 2024-04-26	**Rev: 1.1.0**
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 4/5

LVDS connector

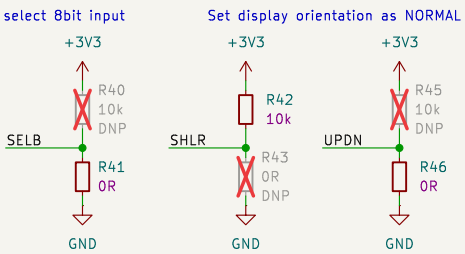
Display MPN: CLAA080XA12LE



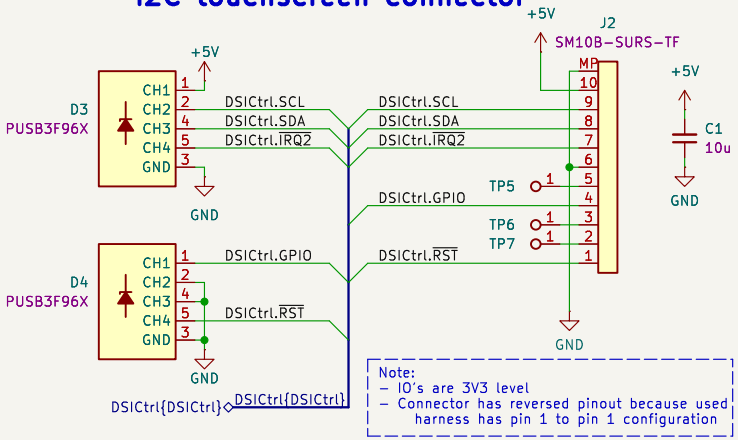
Display decoupling capacitors



Display configuration



I2C touchscreen connector



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Sheet: /LVDS and Touchscreen Connectors/
File: lvds-connector.kicad_sch

Title: CM4 Baseboard LVDS Adapter

Size: A4	Date: 2024-04-26	**Rev: 1.1.0**
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 5/5