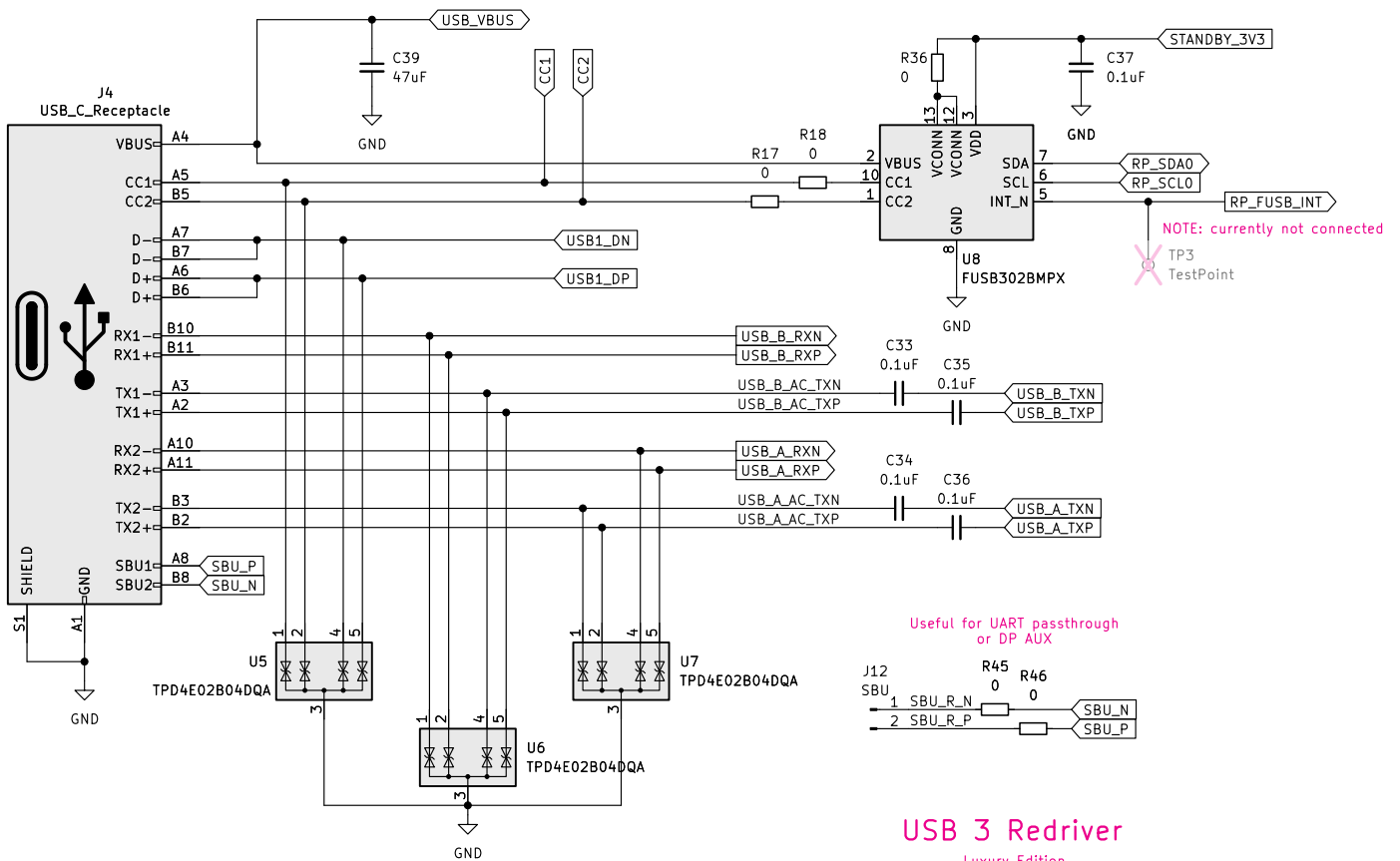


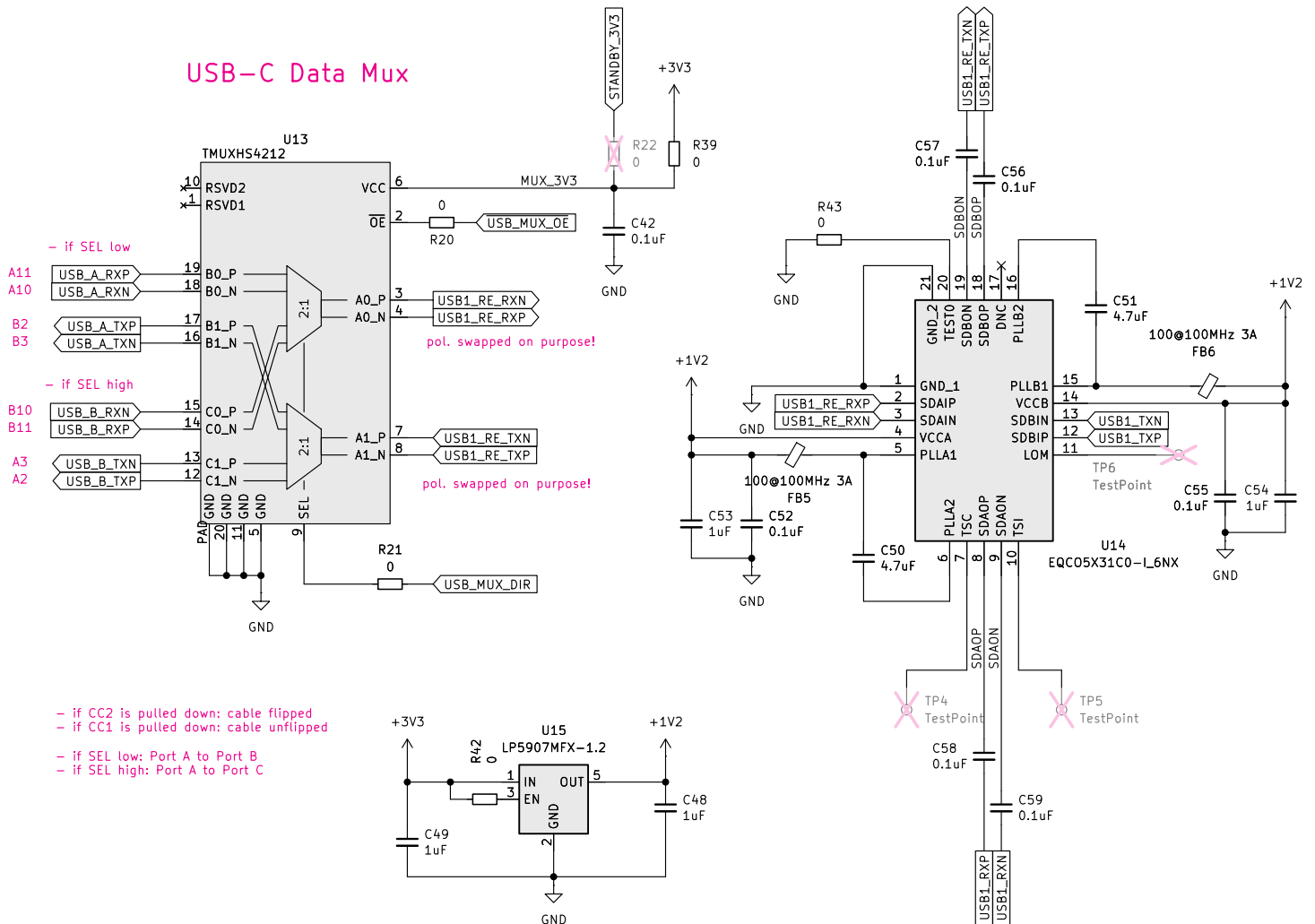
USB-C port 1 with PD charging



USB 3 Redriver

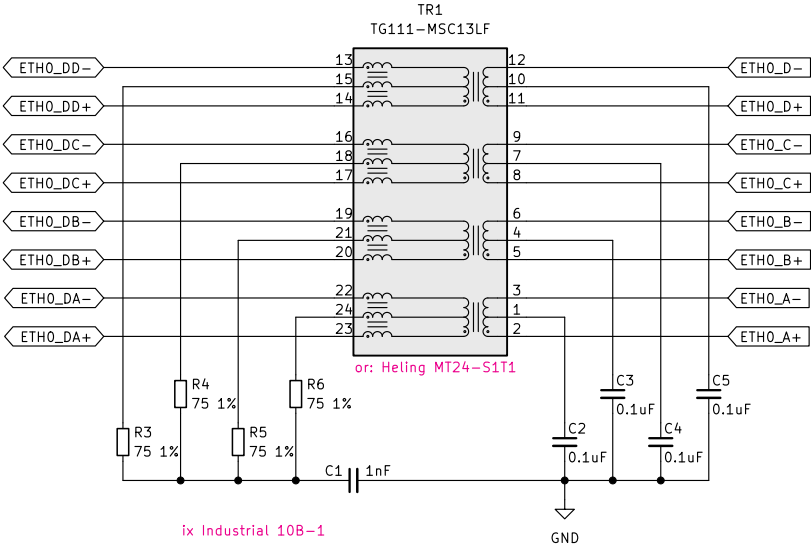
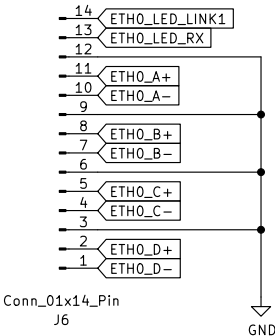
Luxury Edition

USB-C Data Mux

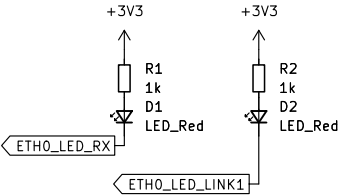
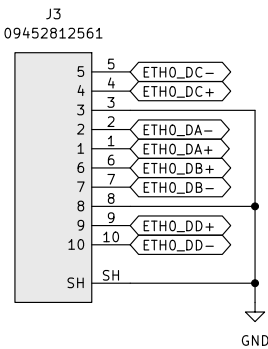


1Gb Ethernet

1GbE to mainboard



ix Industrial 10B-1

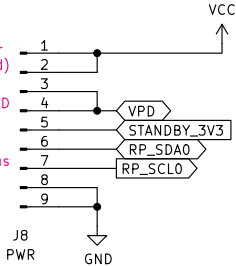


Power Interface
(not flipped)

System power
(from motherboard)

Power from USB-C PD

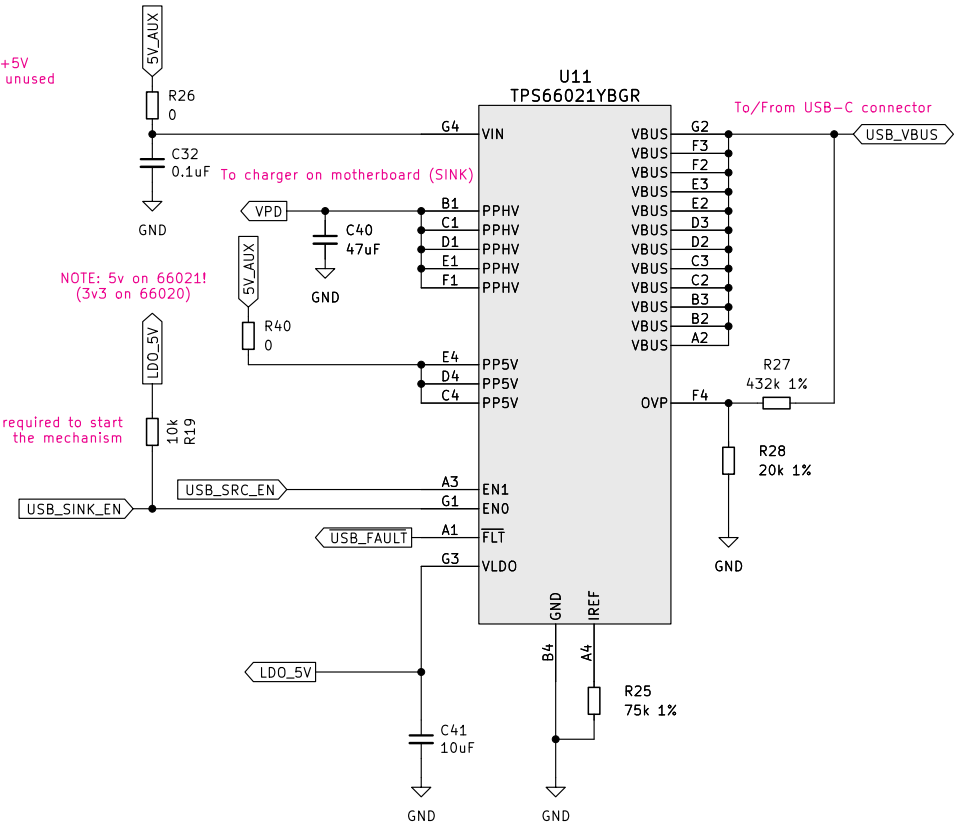
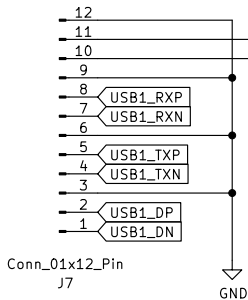
I2C control bus



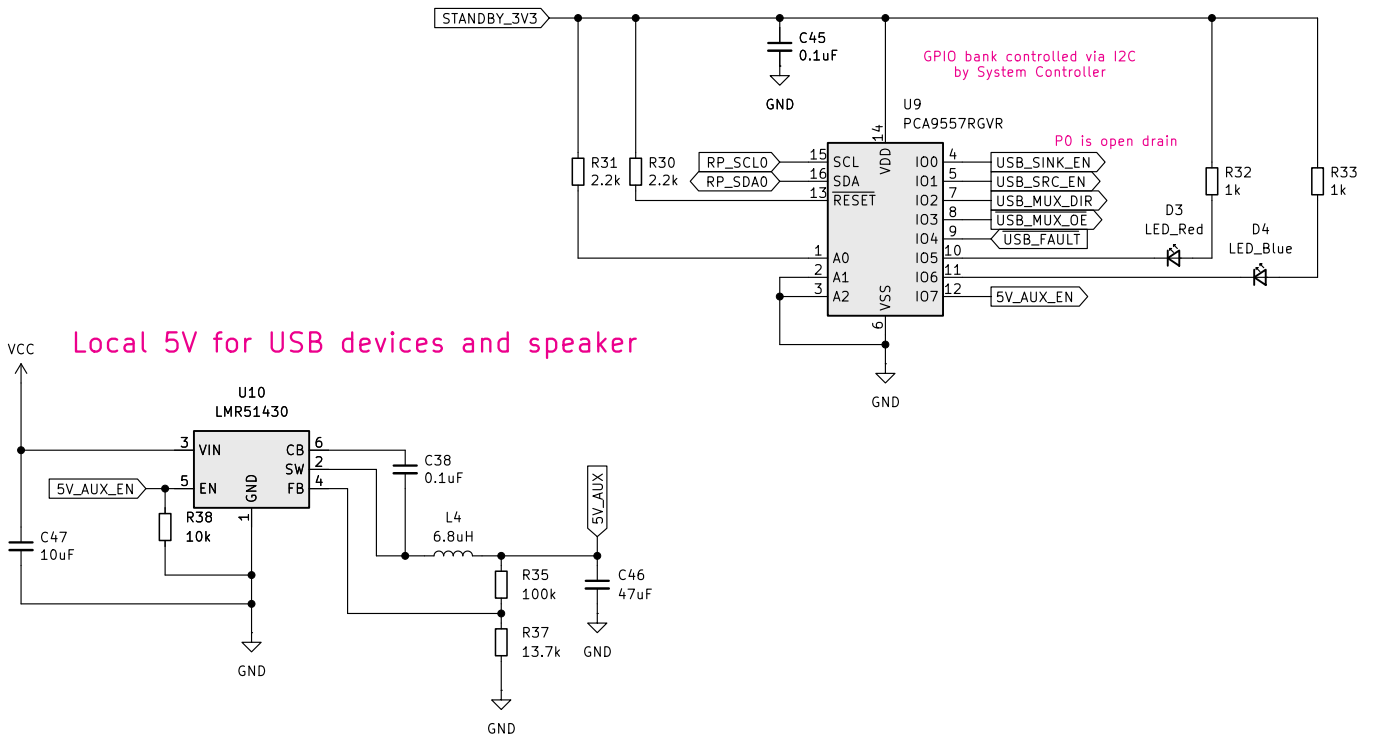
USB-C PD Power Mux

USB3 to mainboard

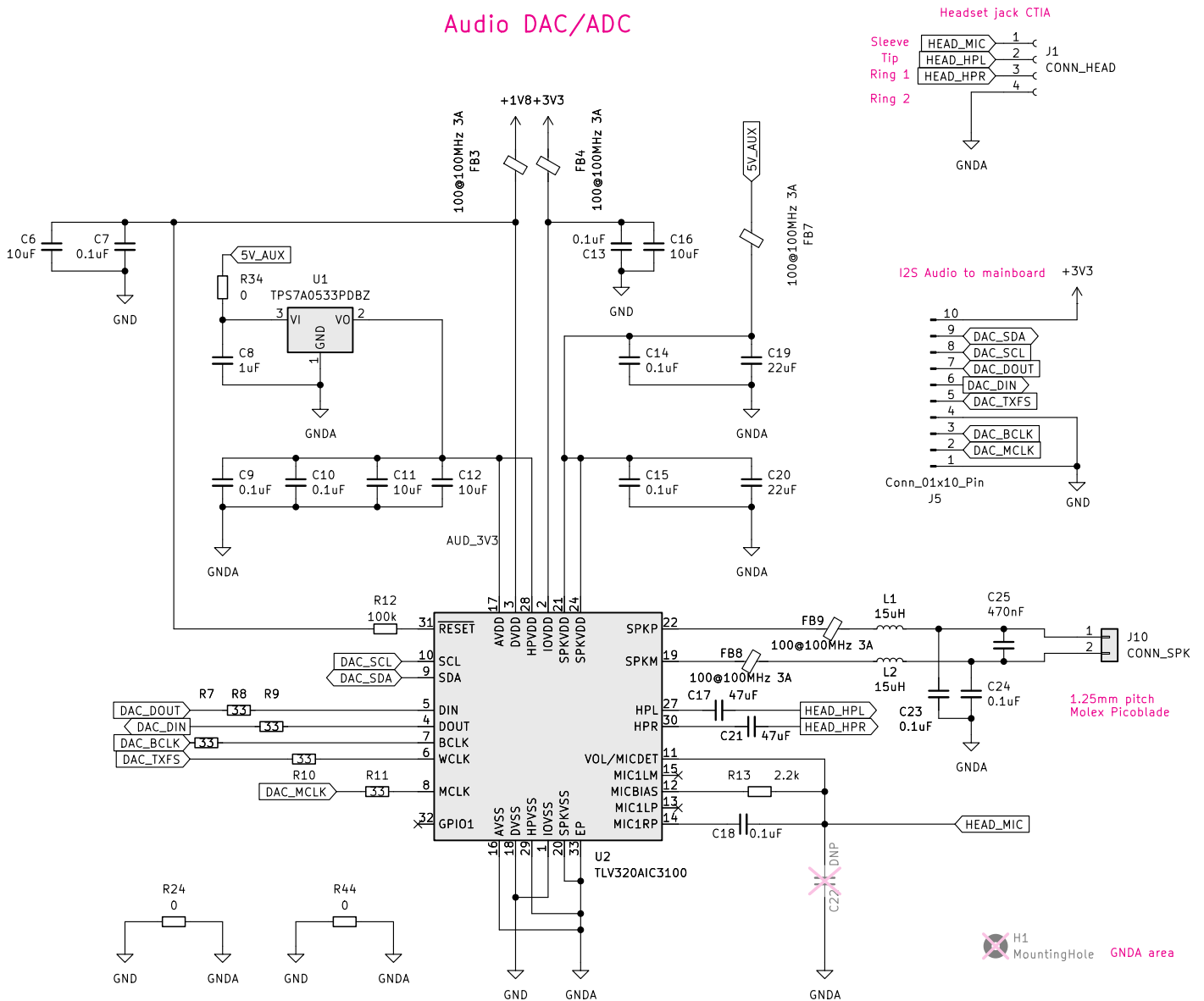
NOTE: These +5V
are currently unused



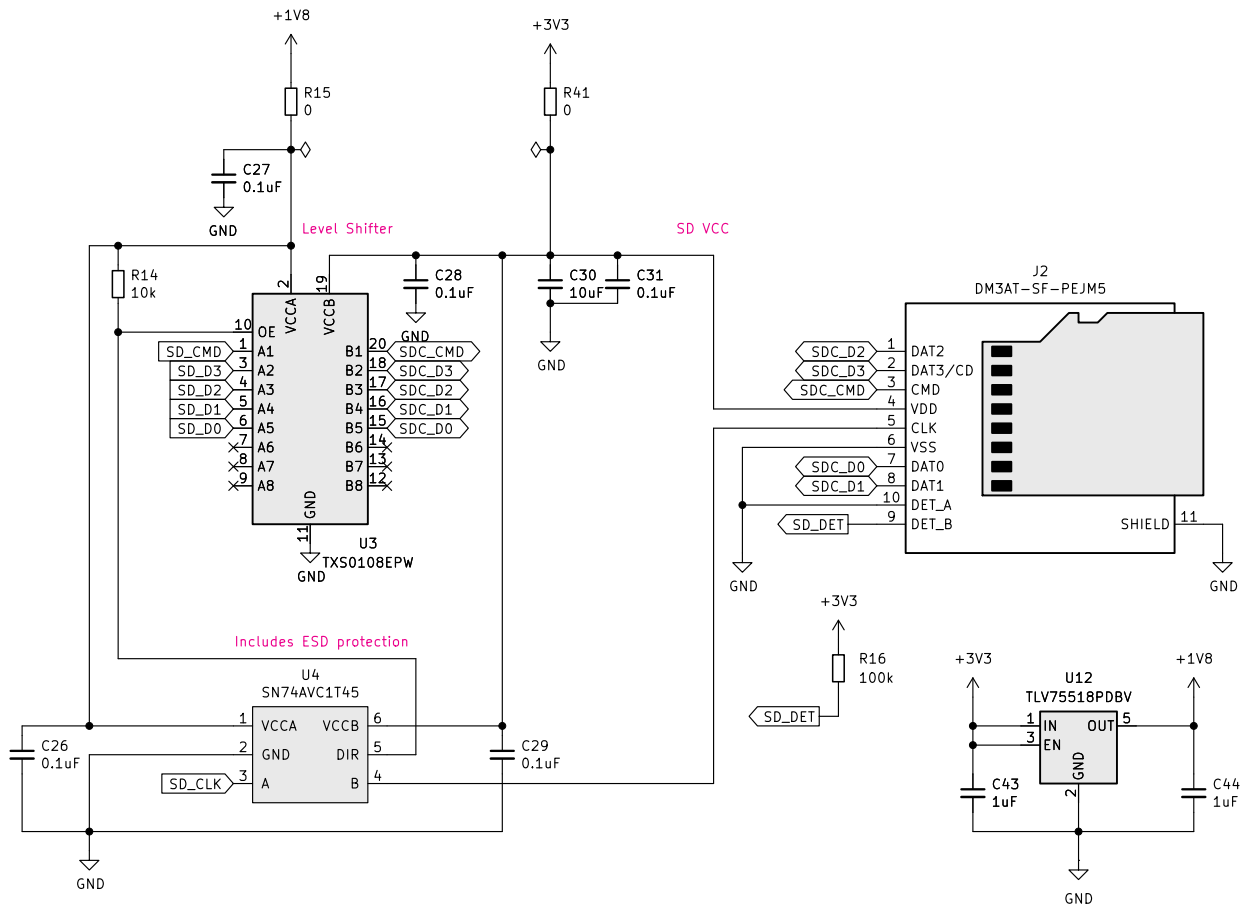
System Controller Remote GPIO Bank



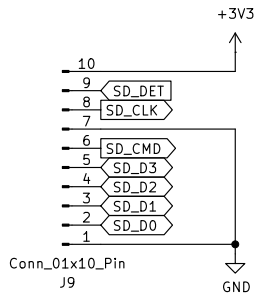
Audio DAC/ADC



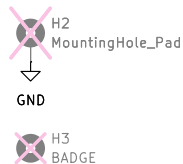
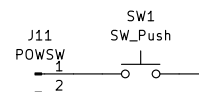
MicroSD Slot



SD Card to mainboard



Standby Shutdown Switch



<https://mntre.com>

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Engineer: Lucie L. Hartmann

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Size: A2

Date: 2026-06-01

Rev: R-1

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