

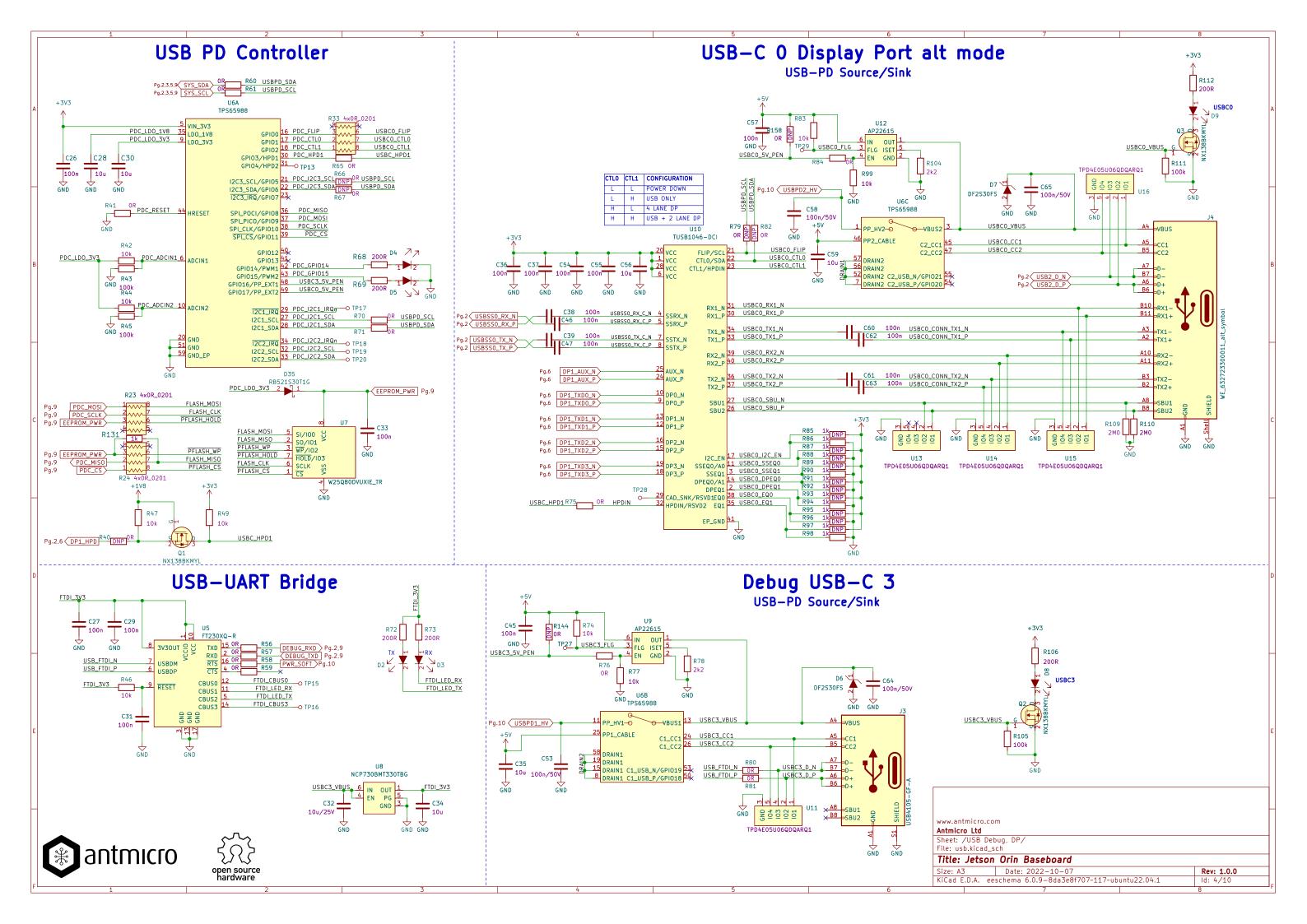
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Title: Jetson Orin Baseboard

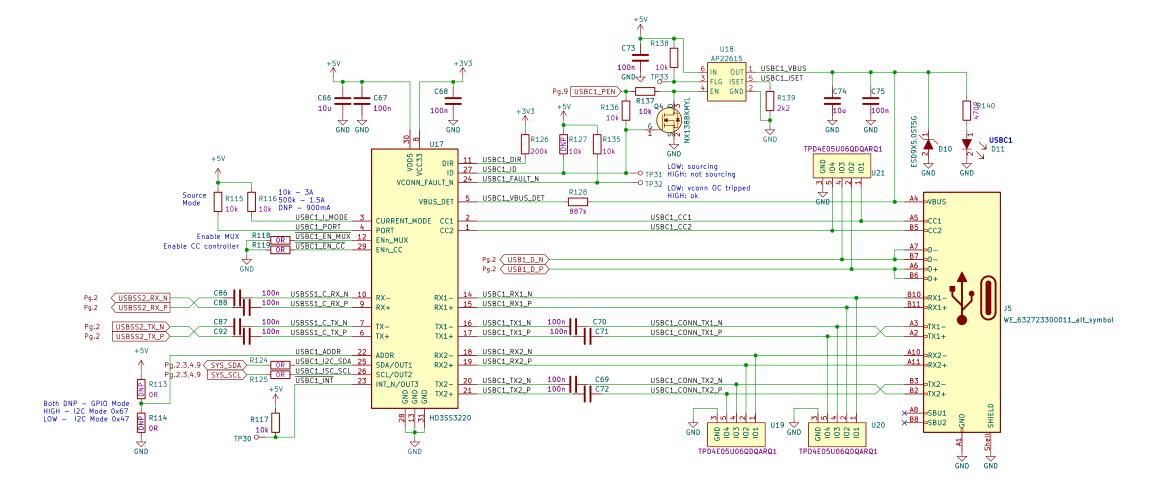
Size: A3 Date: 2022-10-07 KiCad E.D.A. eeschema 6.0.9-8da3e8f707-117-ubuntu22.04.1







USB-C 1







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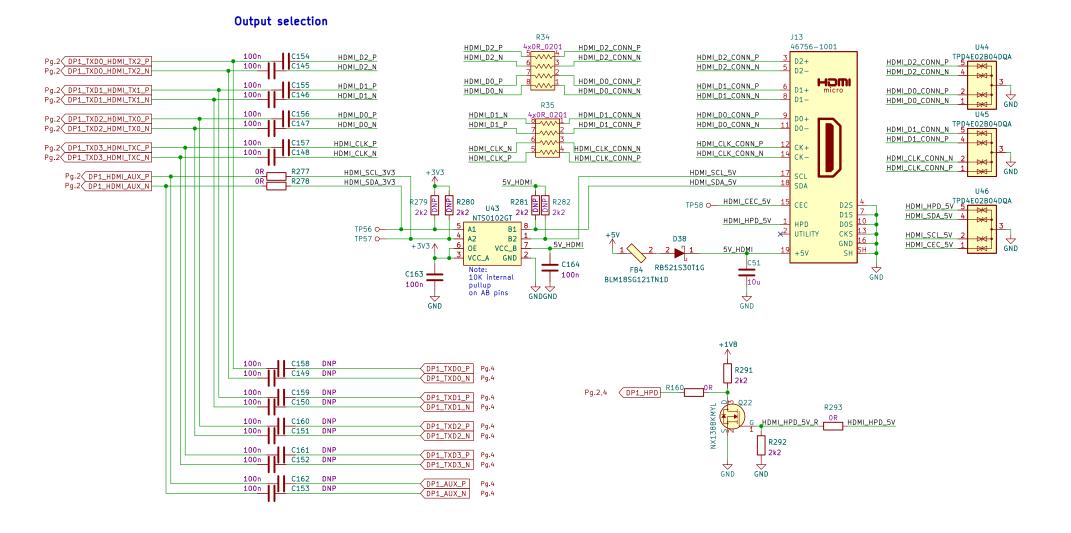
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Title: Jetson Orin Baseboard

Size: A3 Date: 2022-10-07 Rev: 1.0.0

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HDMI Connector







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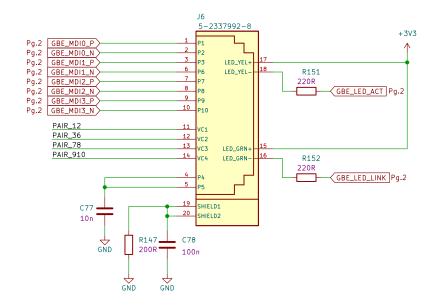
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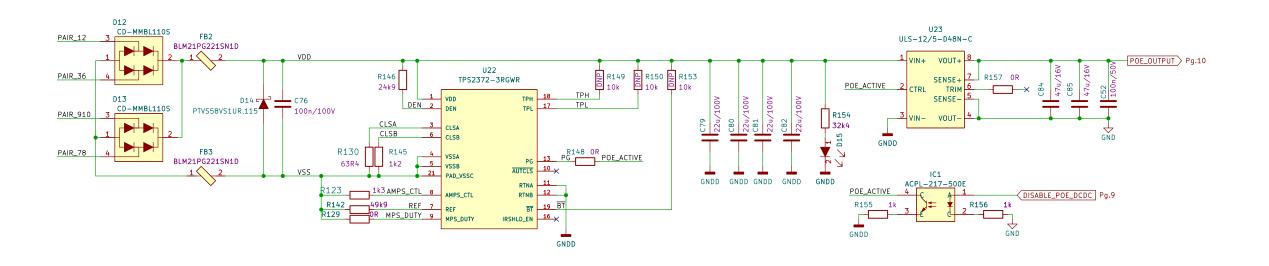
Size: A3 Date: 2022-10-07 Rev: 1.0.0

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Ethernet Connector



Power over Ethernet







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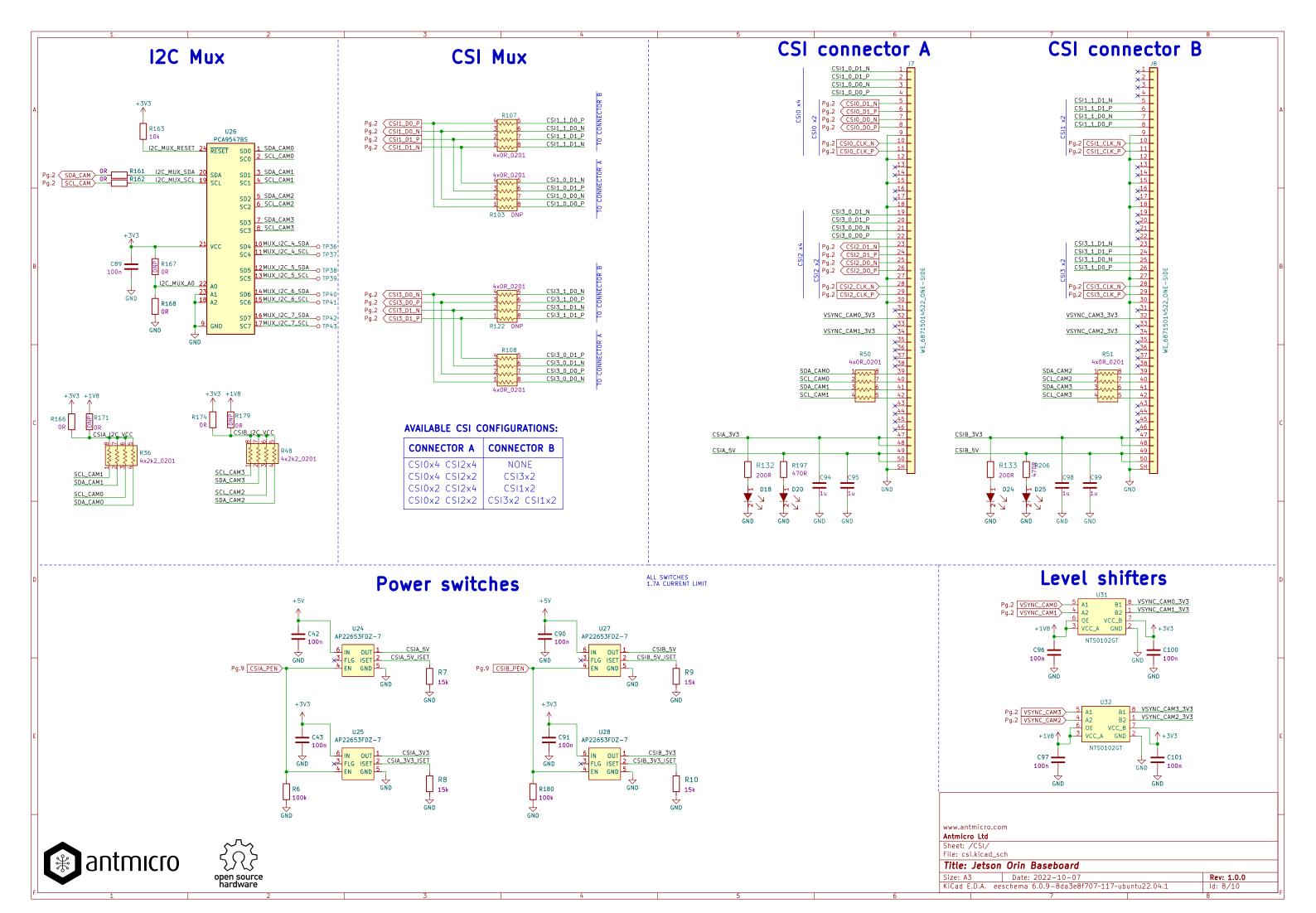
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Title: Jetson Orin Baseboard

Size: A3 Date: 2022-10-07 Rev: 1.0.0

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Expansion connector GPIO expander J11 ERF8-04<u>0-05.0-L-</u>DV-K-TR R219 GPIOEX_PO_1 Pg.2 GPIO_INT GPI0EX_P0_ PCIE2_RX0_N —о TР34 GPIOEX_RESET 1 RESET GPIOEX_ADDR16 ADDR 8 R217 OR PCAL6408ABSHP R218 PCIE2_RST_CONN* PCIE2_CLKREQ_CONN* PCIE3_CLKREQ_CONN* PCIE_WAKE_SEL_EXT_CONN GPI007_CONN GPIO11_CONN UART1_TXD_CONN USB_CONN_N **Expansion connector resistors** SPI1_MOSI_CONN Fan connector 4x330R_0402_array GPI007_CONN GPI001_CONN Pg. PCIE_WAKE_SEL_EXT_CONN PCIE3_CLKREQ_CONN* PCIE3_RST_CONN* PCIE2_CLKREQ_CONN* 3V3_STDB Pg.2,10 4x330R_0402_ I2SO_SCLK_CONN UART1_TXD_CONN UART1_RXD_CONN C114 — Pg.2 UART1_RXD GND 🕁 GPI009_CONN Pg.2 GPI009 4x330R_0402 SPIO_MOSI_CONN SPIO_SCK_CONN SPI1_MISO_CONN SPI1_MOSI_CONN Pg.2,3 USBO_D_N D22 1 TPD1E0B04DPYR 4x330R_0402_array Pg.2,3 USBO_D_P TPD1E0B04DPYR TPD1E0B04DPYR Pg.2 PCIE2_RXO_N TPD1E0B04DPYR TPD1E0B04DPYR Debug connector **Buttons LED** indicators TAG-CONNECT J9 TC2050-IDC-NL USBSS2_TX_CONN_P D21 TPD1E0B04DPYR ☐ R232 R242 ∐ 10k USER_BTN0 Pg.2 USER_BTN1 > Pg.2 S2 B3U-3000PM S3 B3U-3000PM Pg.2 USER_LEDO • G Pg.2 USER_LED1 R222 R230 ___ 100k Ŭ 100k www.antmicro.com Antmicro Ltd Sheet: /Peripherals/ File: peripherals.kicad_sch antmicro Title: Jetson Orin Baseboard Size: A3 Date: 2022-10-07 KiCad E.D.A. eeschema 6.0.9-8da3e8f707-117-ubuntu22.04.1

