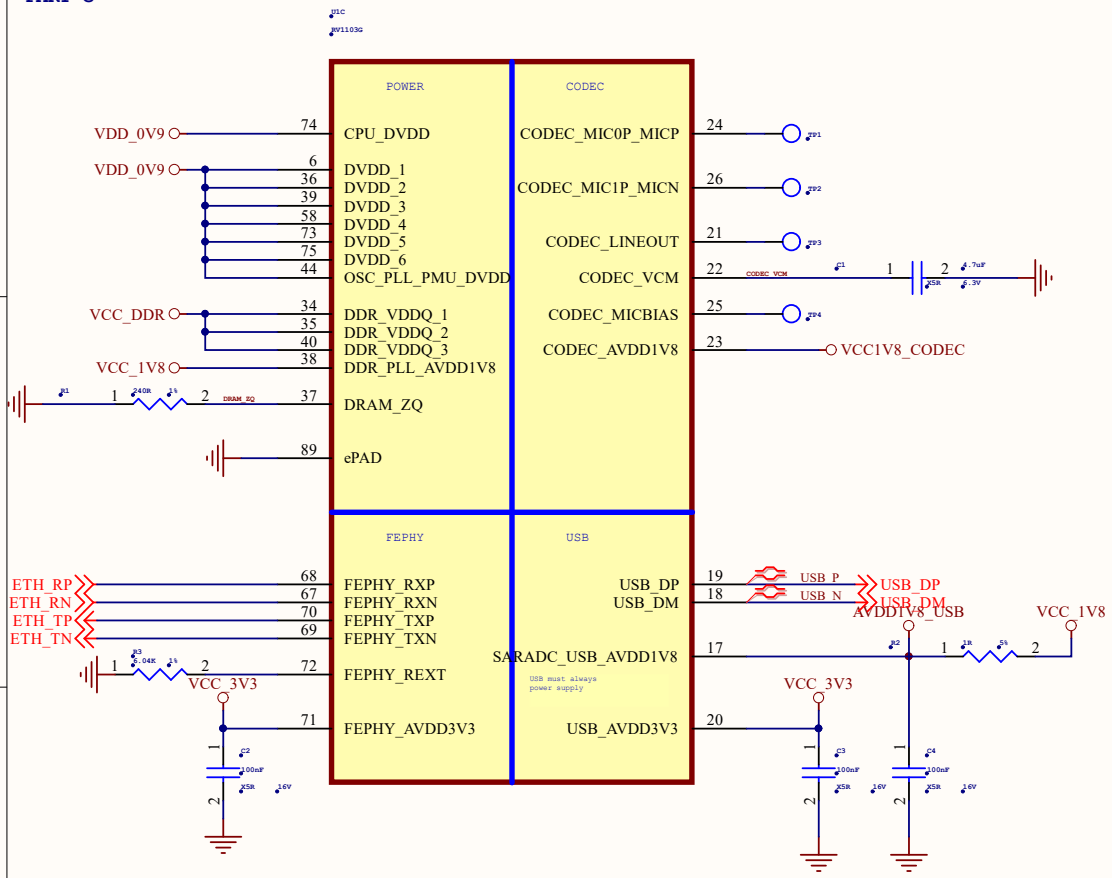
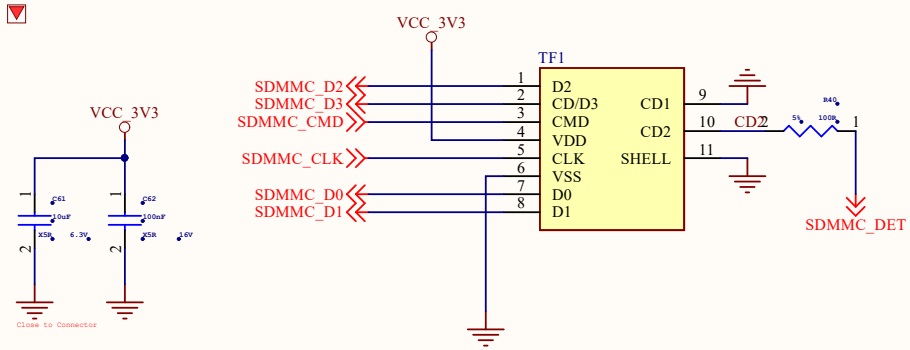
PART C

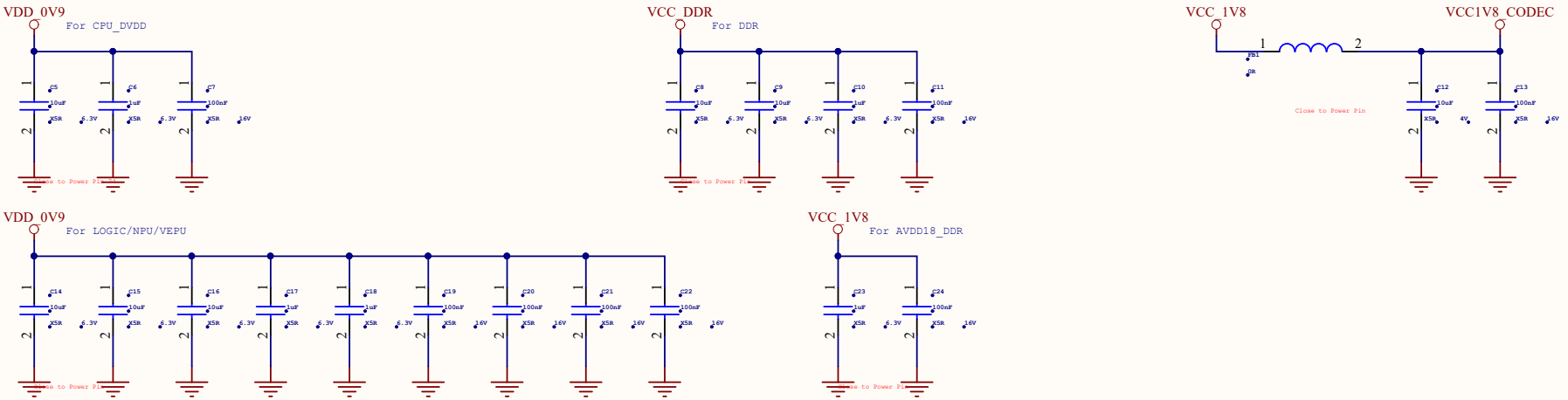


Micro-SD Card

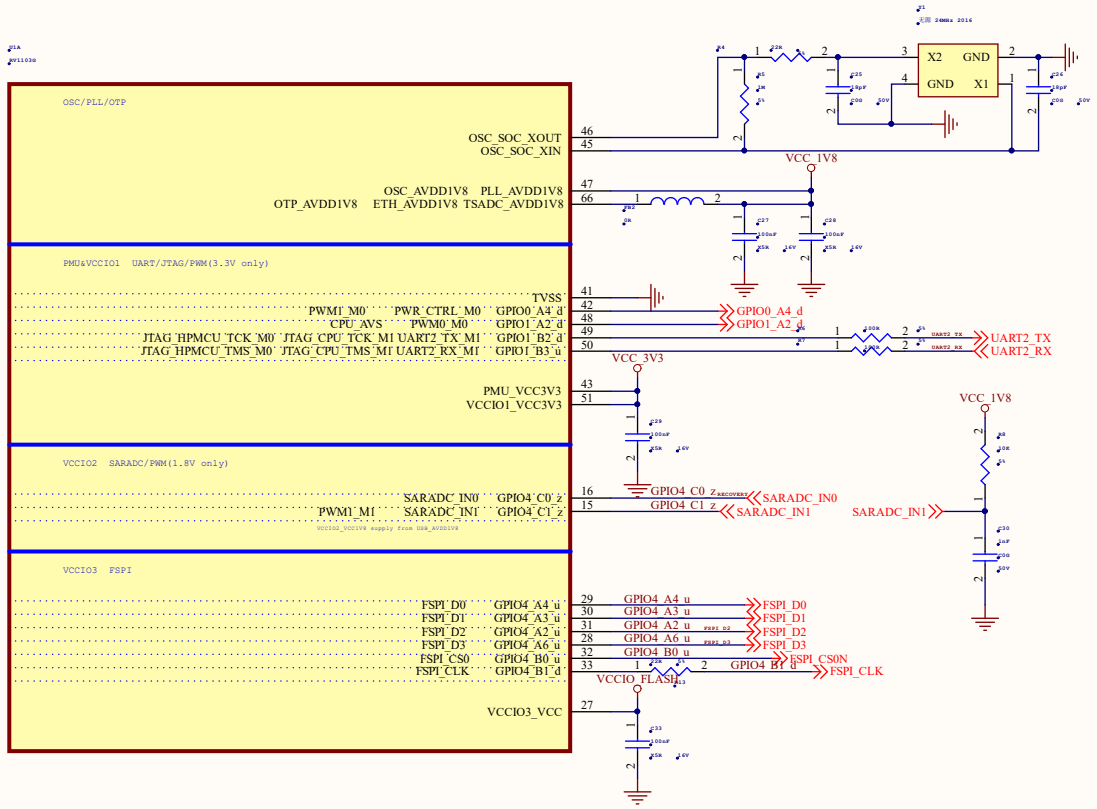


Luckfox Pico

POWER

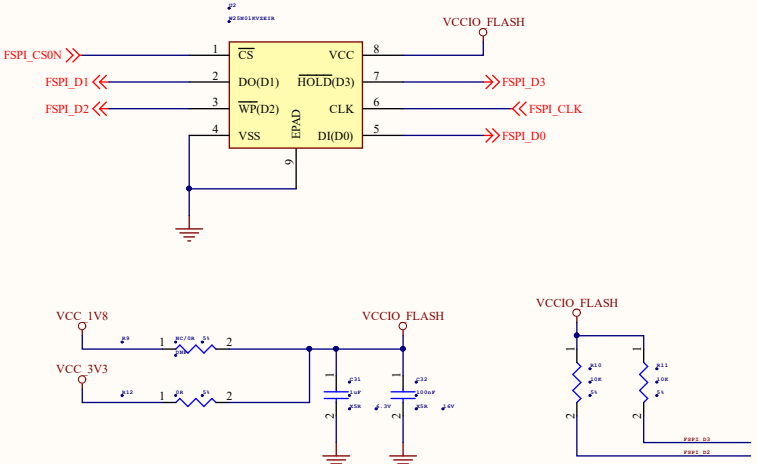


PART A

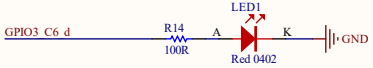


SPI Flash

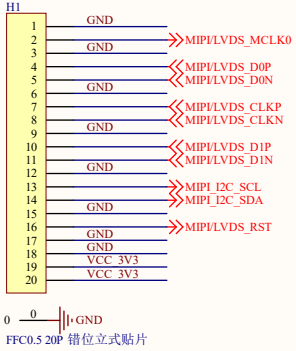
NOTE:
Refer to the latest AVL for parts selection.



LED

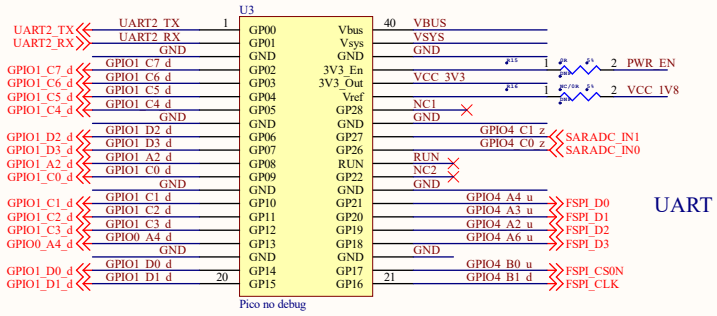


CAM

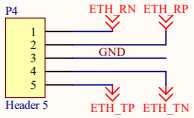


FFC0.5 20P 错位立式贴片

Pin Out

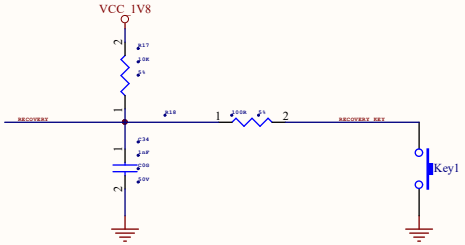


UART

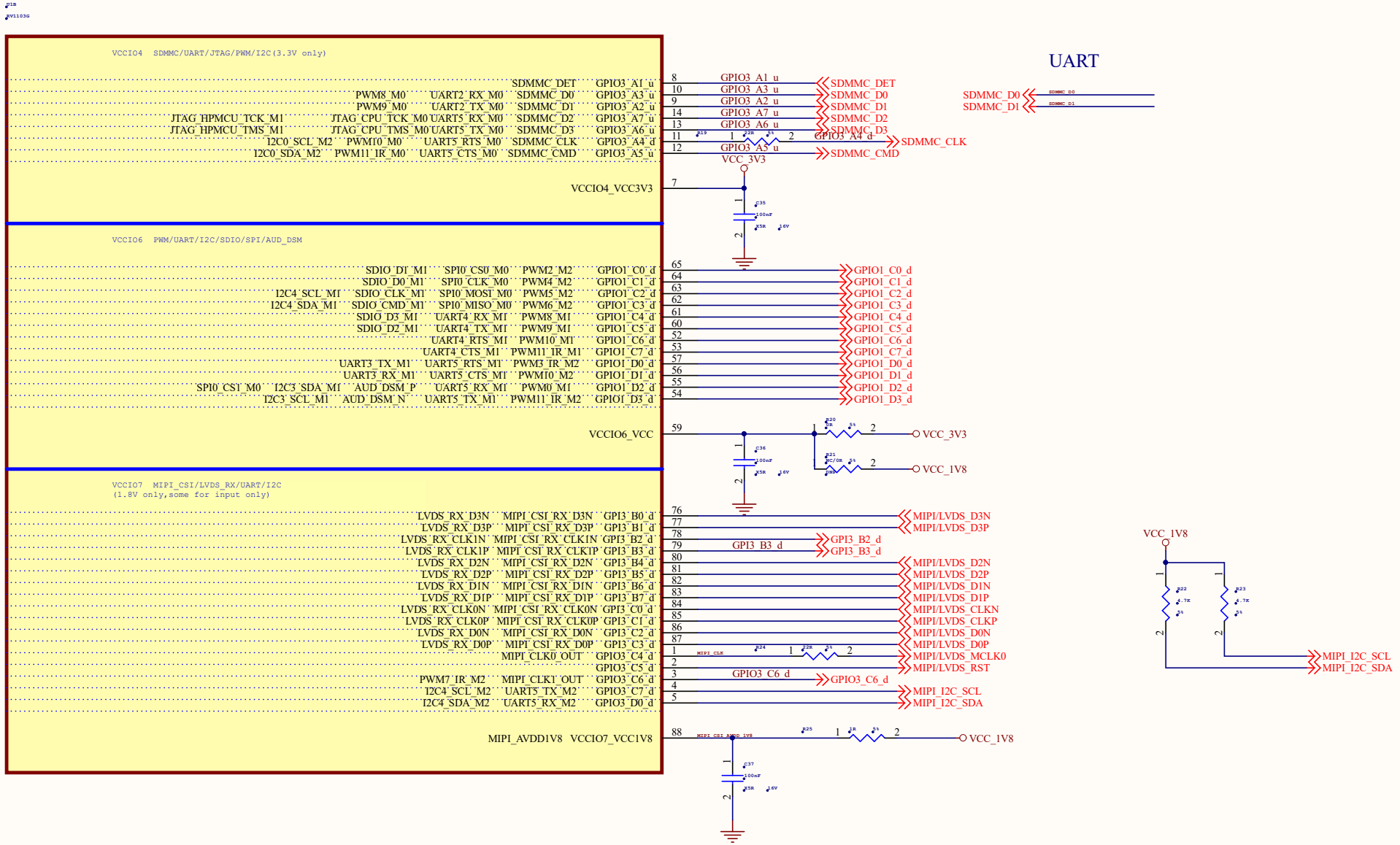


RECOVERY Key

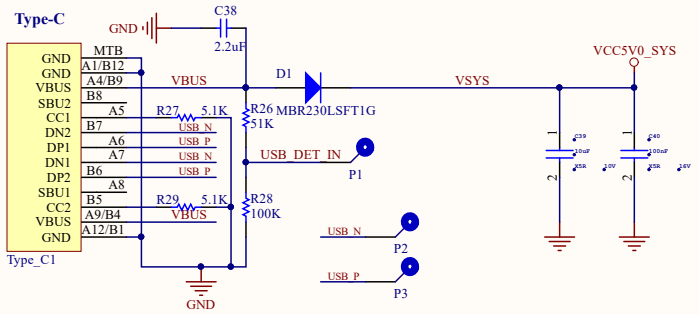
Note:
SARADC_IN0 must always be pulled-up.



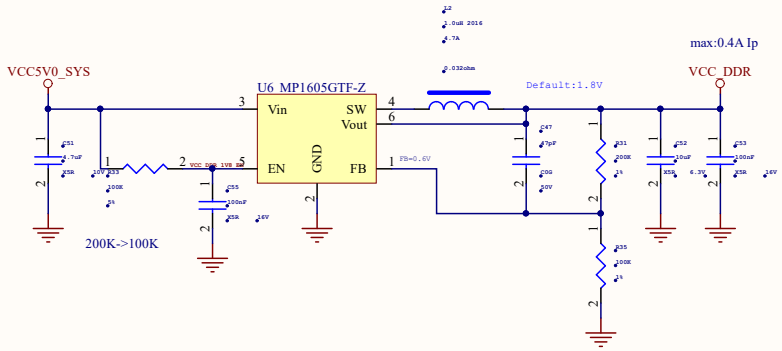
PART B


VCCIO4 SDMMC/UART/JTAG/PWM/I2C(3.3V only)
SDMMC_DET GPIO3_A1_u
PWM8_M0 UART2_RX_M0 SDMMC_D0 GPIO3_A3_u
PWM9_M0 UART2_TX_M0 SDMMC_D1 GPIO3_A2_u
JTAG_HPMCU_TCK_M1 JTAG_CPU_TCK_M0 UART5_RX_M0 SDMMC_D2 GPIO3_A7_u
JTAG_HPMCU_TMS_M1 JTAG_CPU_TMS_M0 UART5_TX_M0 SDMMC_D3 GPIO3_A6_u
I2C0_SCL_M2 PWM10_M0 UART5_RTS_M0 SDMMC_CLK GPIO3_A4_d
I2C0_SDA_M2 PWM11_IR_M0 UART5_CTS_M0 SDMMC_CMD GPIO3_A5_u
VCCIO4_VCC3V3
VCCIO6 PWM/UART/I2C/SDIO/SPI/AUD_DSM
SDIO_D1_M1 SPI0_CS0_M0 PWM2_M2 GPIO1_C0_d
SDIO_D0_M1 SPI0_CLK_M0 PWM4_M2 GPIO1_C1_d
I2C4_SCL_M1 SDIO_CLK_M1 SPI0_MOSI_M0 PWM5_M2 GPIO1_C2_d
I2C4_SDA_M1 SDIO_CMD_M1 SPI0_MISO_M0 PWM6_M2 GPIO1_C3_d
SDIO_D3_M1 UART4_RX_M1 PWM8_M1 GPIO1_C4_d
SDIO_D2_M1 UART4_TX_M1 PWM9_M1 GPIO1_C5_d
UART4_RTS_M1 PWM10_M1 GPIO1_C6_d
UART4_CTS_M1 PWM11_IR_M1 GPIO1_C7_d
UART3_TX_M1 UART5_RTS_M1 PWM3_IR_M2 GPIO1_D0_d
UART3_RX_M1 UART5_CTS_M1 PWM10_M2 GPIO1_D1_d
SPI0_CS1_M0 I2C3_SDA_M1 AUD_DSM_P UART5_RX_M1 PWM0_M1 GPIO1_D2_d
I2C3_SCL_M1 AUD_DSM_N UART5_TX_M1 PWM11_IR_M2 GPIO1_D3_d
VCCIO6_VCC
VCCIO7 MIPI_CSI/LVDS_RX/UART/I2C
(1.8V only,some for input only)
LVDS_RX_D3N MIPI_CSI_RX_D3N GPI3_B0_d
LVDS_RX_D3P MIPI_CSI_RX_D3P GPI3_B1_d
LVDS_RX_CLK1N MIPI_CSI_RX_CLK1N GPI3_B2_d
LVDS_RX_CLK1P MIPI_CSI_RX_CLK1P GPI3_B3_d
LVDS_RX_D2N MIPI_CSI_RX_D2N GPI3_B4_d
LVDS_RX_D2P MIPI_CSI_RX_D2P GPI3_B5_d
LVDS_RX_D1N MIPI_CSI_RX_D1N GPI3_B6_d
LVDS_RX_D1P MIPI_CSI_RX_D1P GPI3_B7_d
LVDS_RX_CLK0N MIPI_CSI_RX_CLK0N GPI3_C0_d
LVDS_RX_CLK0P MIPI_CSI_RX_CLK0P GPI3_C1_d
LVDS_RX_D0N MIPI_CSI_RX_D0N GPI3_C2_d
LVDS_RX_D0P MIPI_CSI_RX_D0P GPI3_C3_d
MIPI_CLK0_OUT GPIO3_C4_d
GPIO3_C5_d
PWM7_IR_M2 MIPI_CLK1_OUT GPIO3_C6_d
I2C4_SCL_M2 UART5_TX_M2 GPIO3_C7_d
I2C4_SDA_M2 UART5_RX_M2 GPIO3_D0_d
MIPI_AVDD1V8_VCCIO7_VCC1V8
UART
SDMMC_D0
SDMMC_D1
GPIO3_A1_u
GPIO3_A3_u
GPIO3_A2_u
GPIO3_A7_u
GPIO3_A6_u
GPIO3_A4_d
GPIO3_A5_u
SDMMC_DET
SDMMC_D0
SDMMC_D1
SDMMC_D2
SDMMC_D3
SDMMC_CLK
SDMMC_CMD
VCC_3V3
GPIO1_C0_d
GPIO1_C1_d
GPIO1_C2_d
GPIO1_C3_d
GPIO1_C4_d
GPIO1_C5_d
GPIO1_C6_d
GPIO1_C7_d
GPIO1_D0_d
GPIO1_D1_d
GPIO1_D2_d
GPIO1_D3_d
VCC_3V3
VCC_1V8
MIPI/LVDS_D3N
MIPI/LVDS_D3P
GPI3_B2_d
GPI3_B3_d
GPI3_B3_d
MIPI/LVDS_D2N
MIPI/LVDS_D2P
MIPI/LVDS_D1N
MIPI/LVDS_D1P
MIPI/LVDS_CLKN
MIPI/LVDS_CLKP
MIPI/LVDS_D0N
MIPI/LVDS_D0P
MIPI/LVDS_MCLK0
MIPI/LVDS_RST
GPIO3_C6_d
MIPI_I2C_SCL
MIPI_I2C_SDA
VCC_1V8
MIPI_I2C_SCL
MIPI_I2C_SDA

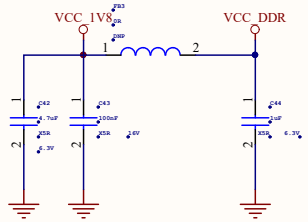
USB POWER IN



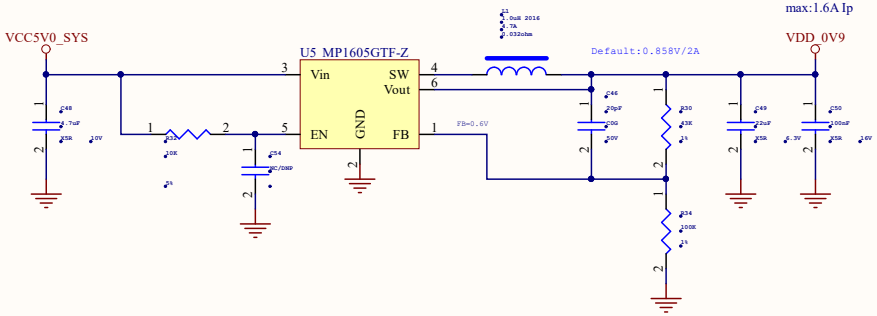
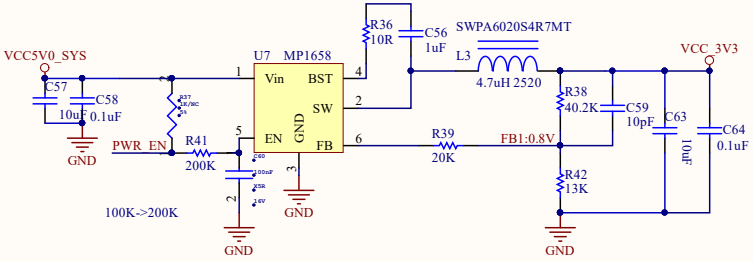
VCC5V0_SYS--->VCC_DDR
Setp 2



VCC_DDR--->VCC_1V8
Setp 2



VCC5V0_SYS--->VDD_0V9
Setp 1



VCC5V0_SYS--->VCC_3V3
Setp 3