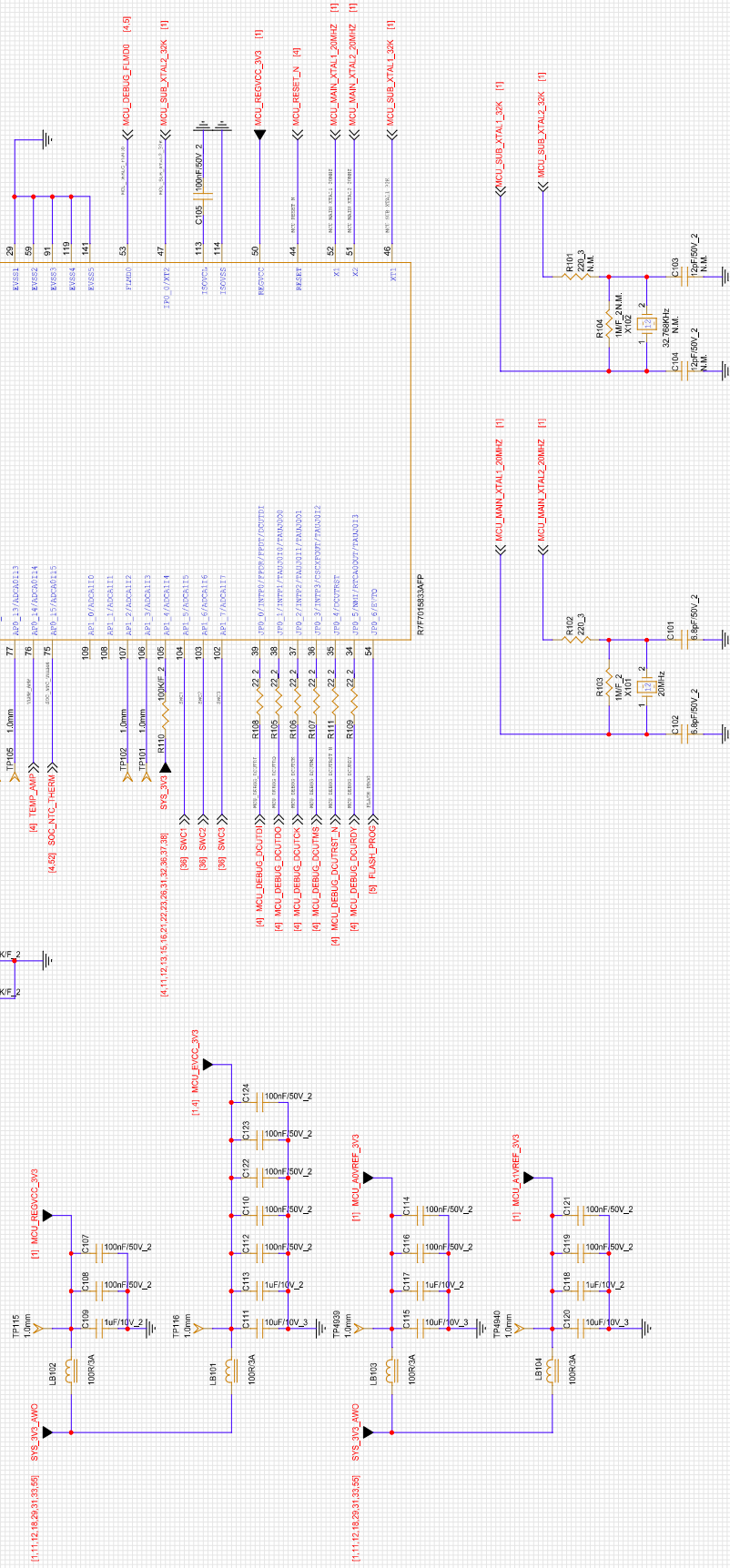
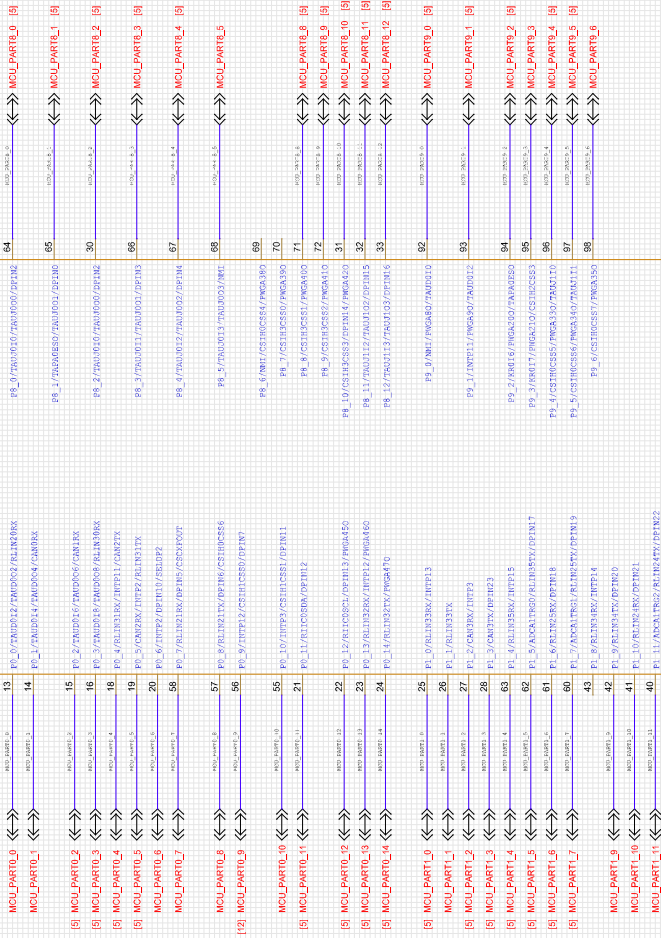


Reserved A/D conversion input.

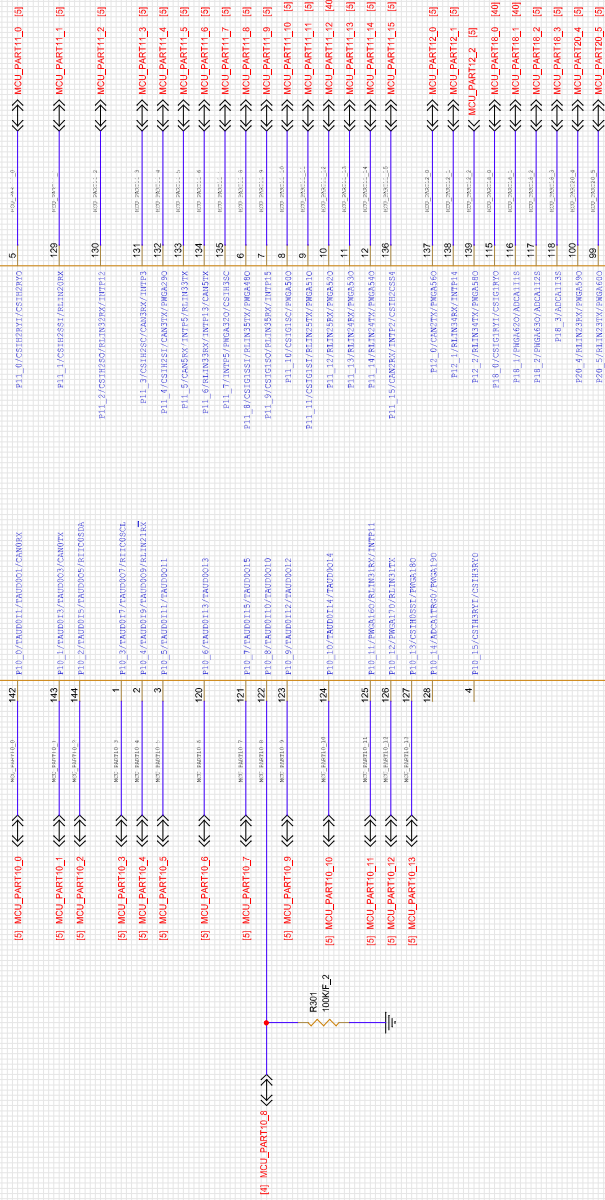


U101B

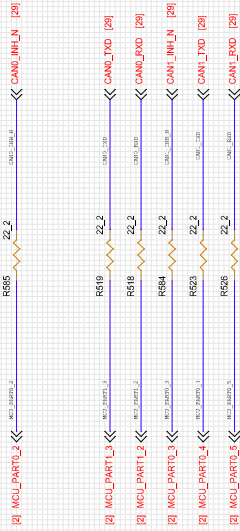


R77705334P

U00A



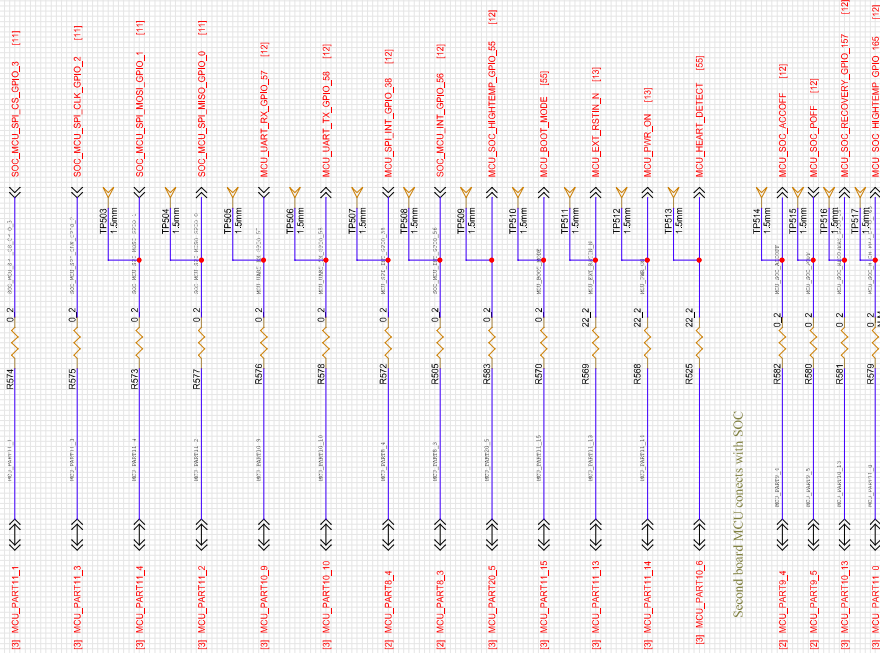
MCU TO CAN/LIN



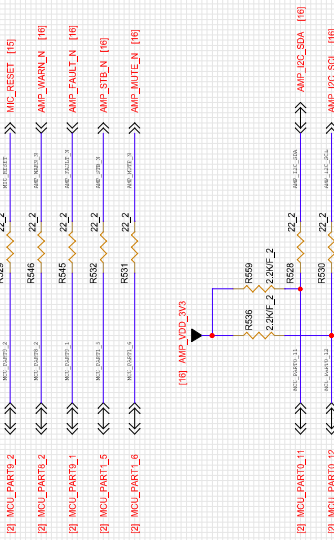
MCU TO GMSL



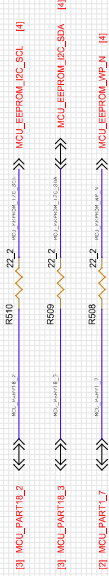
MCU TO SOC



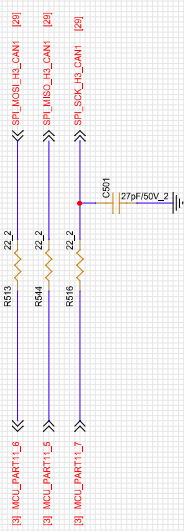
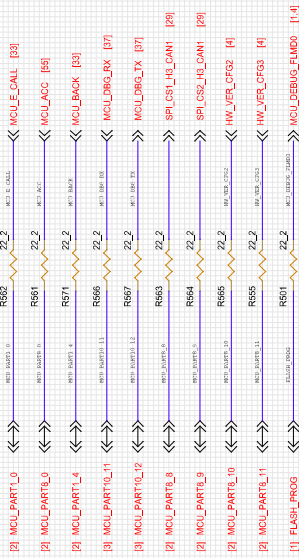
MCU TO AUDIO



MCU TO EEPROM

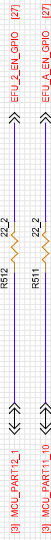


MCU TO ISO CONNECTOR

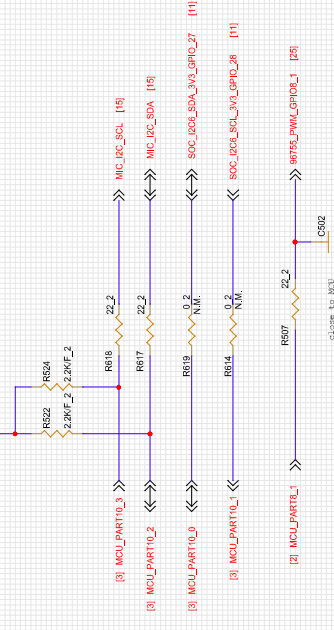


d. FLASH_PRG connect FLMD0

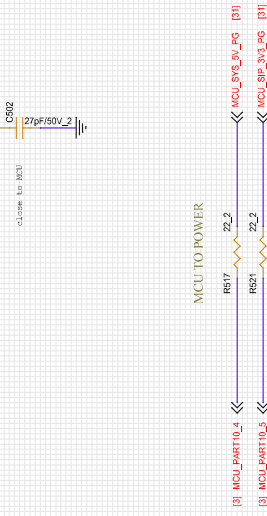
MCU TO USB



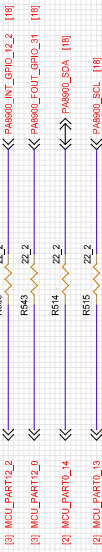
(18) MIC_VDD_XV0



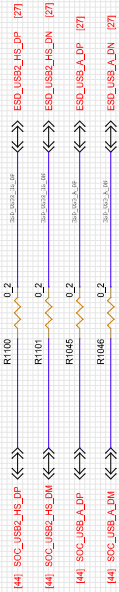
MCU TO POWER



MCU TO RTC

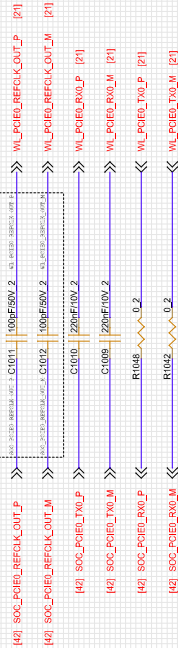


SOC TO USB DP

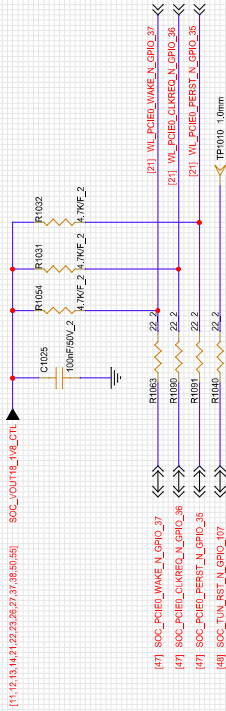
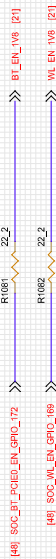


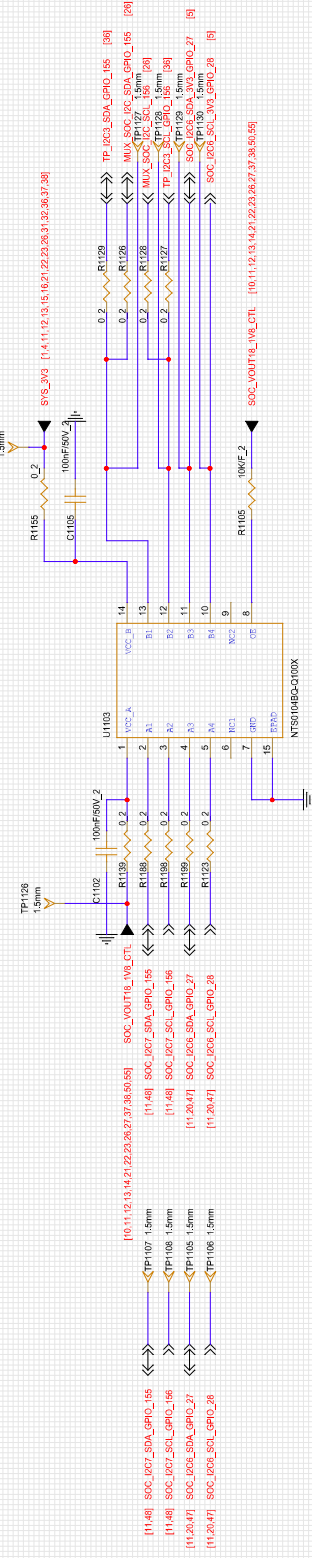
SOC TO BT&WIFI

TO BE CHECKED !!



COUPLED CAP : TX close to SOC , RX close to device

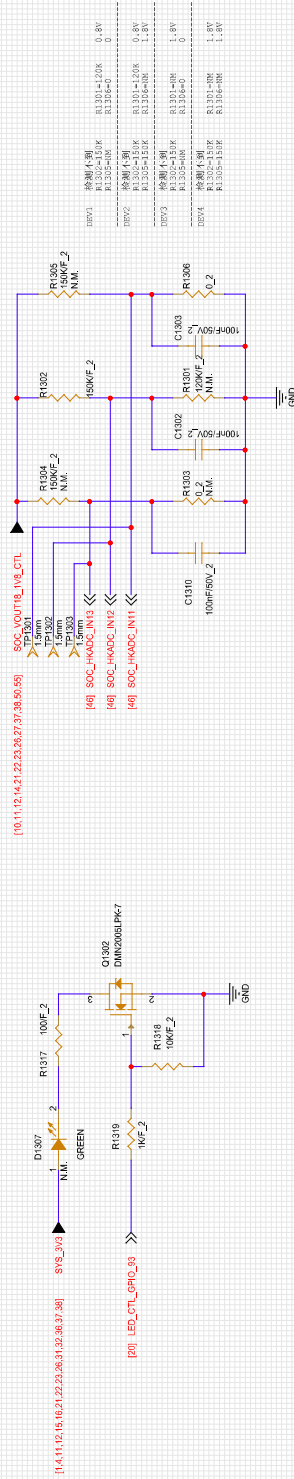


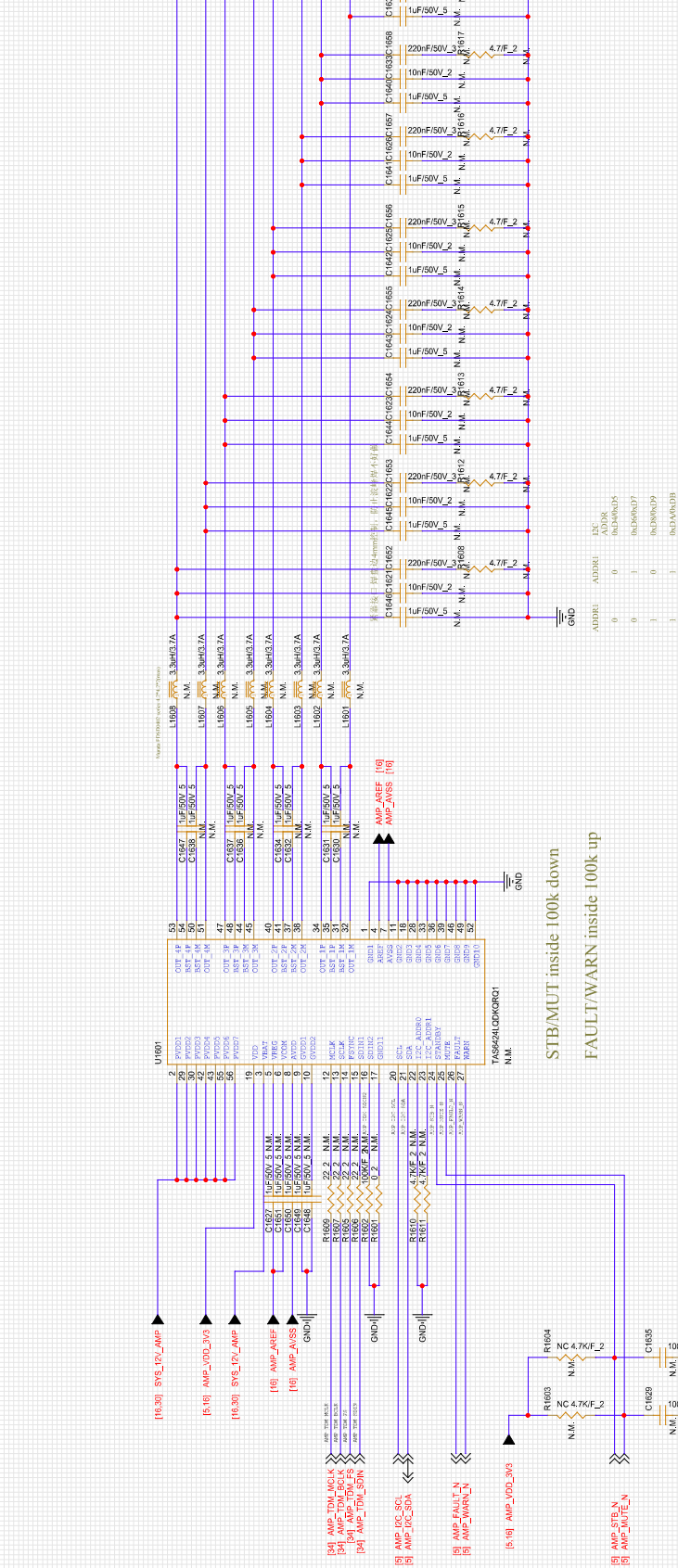
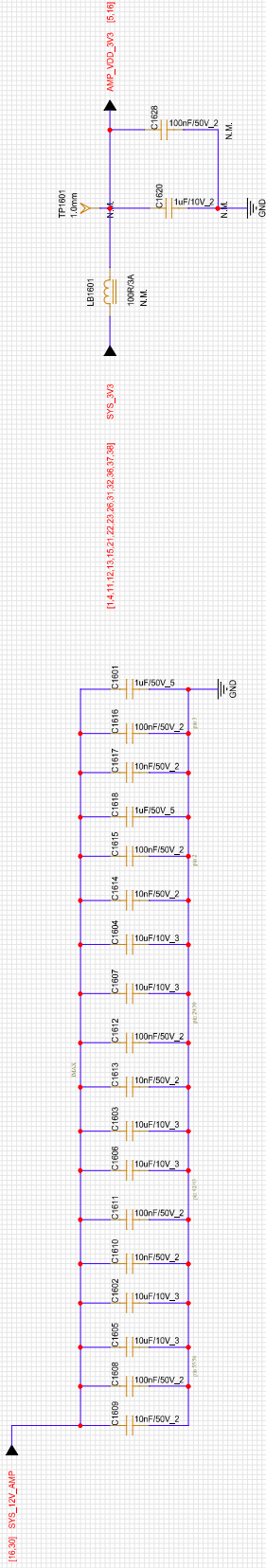


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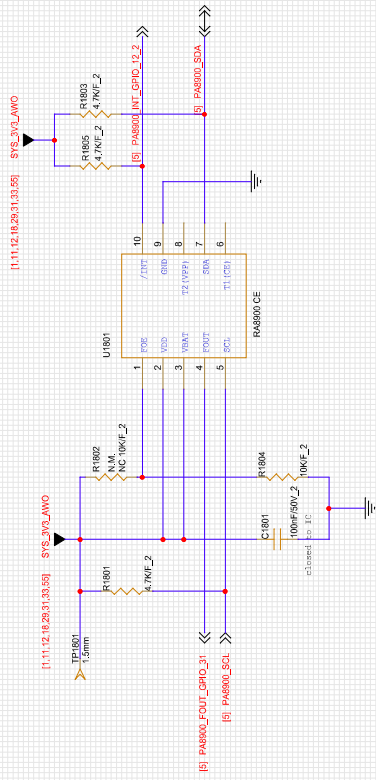
[47] SOC_UART4_TXD_GPIO_45 >> R117 22_2 BT_UART_RX [21]
[47] SOC_UART4_RXD_GPIO_46 << R118 22_2 BT_UART_TX [21]
[47] SOC_UART4_RTS_N_GPIO_44 >> R119 22_2 BT_UART_CTS [21]
[47] SOC_UART4_CTS_N_GPIO_43 << R120 22_2 BT_UART_RTS [21]

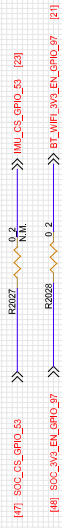
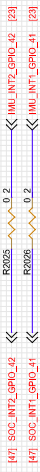
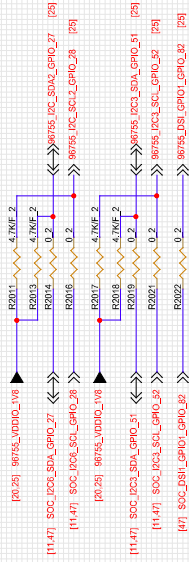
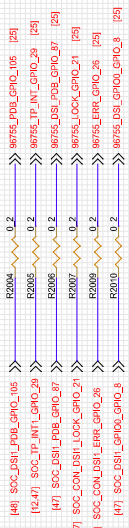
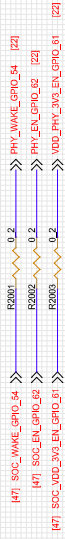
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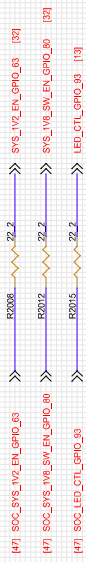


STB/MUT inside 100k down
FAULT/WARN inside 100k up





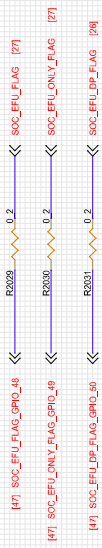
SOC TO POWER



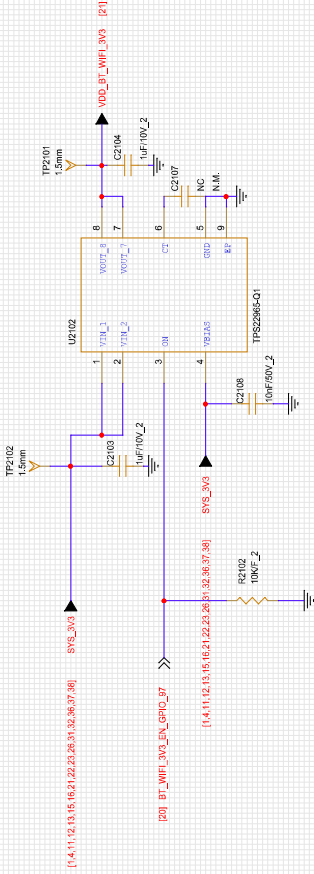
SOC TO LCD&CAM&DP



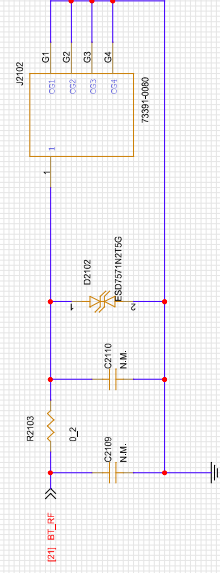
SOC TO USB EFU FLAG



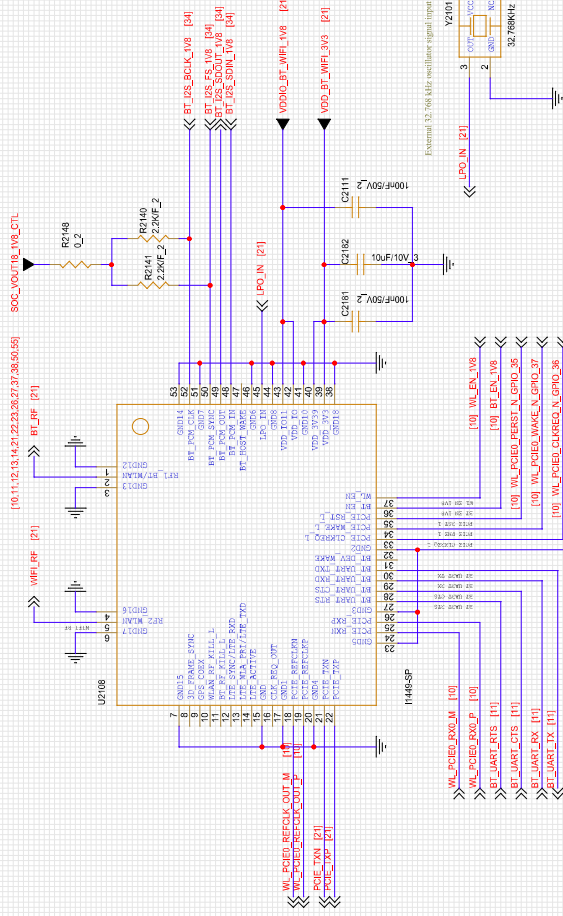
[10,11,12,13,14,21,22,23,26,27,37,38,50,56] SOC_VOUT16_V16_CTL 100KΩ B2101 VDDIO_BT_WFL_V16 [21]



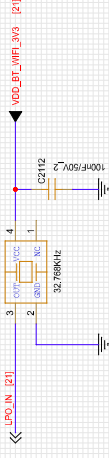
<< WL_PCIE_TX0_P [10] C2113 100pF50V 2 << PCIe_TXP [21]
<< WL_PCIE_TX0_M [10] C2114 100pF50V 2 << PCIe_TXN [21]

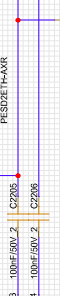
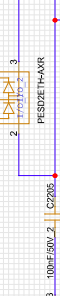
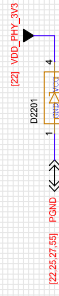
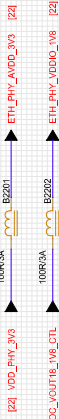


[10,11,12,13,14,21,22,23,26,27,37,38,50,56] SOC_VOUT18_V18_CTL



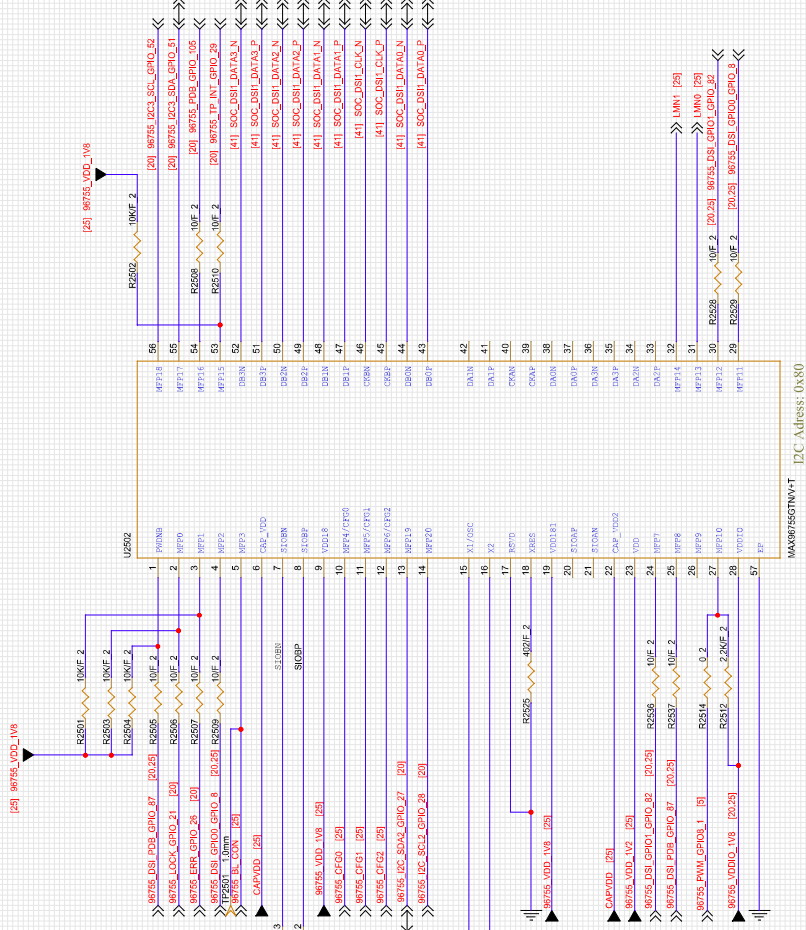
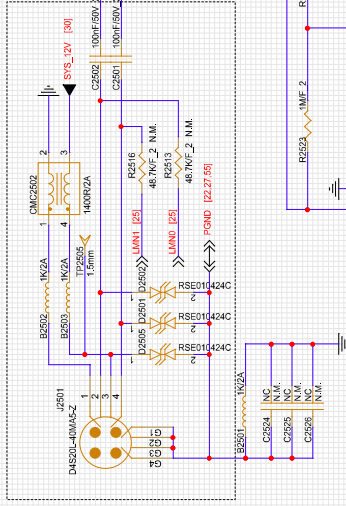
External 32.768 kHz oscillator signal input





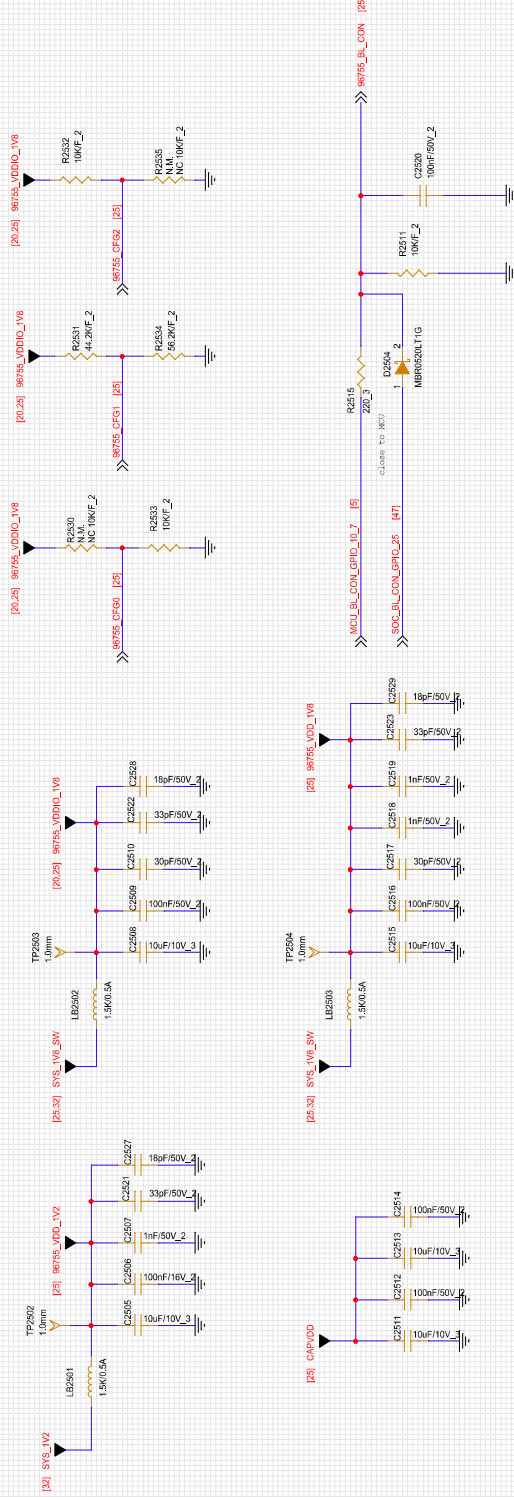
Strap Configuration Pins
keep closed to IC pins

diff 100ohm±10%

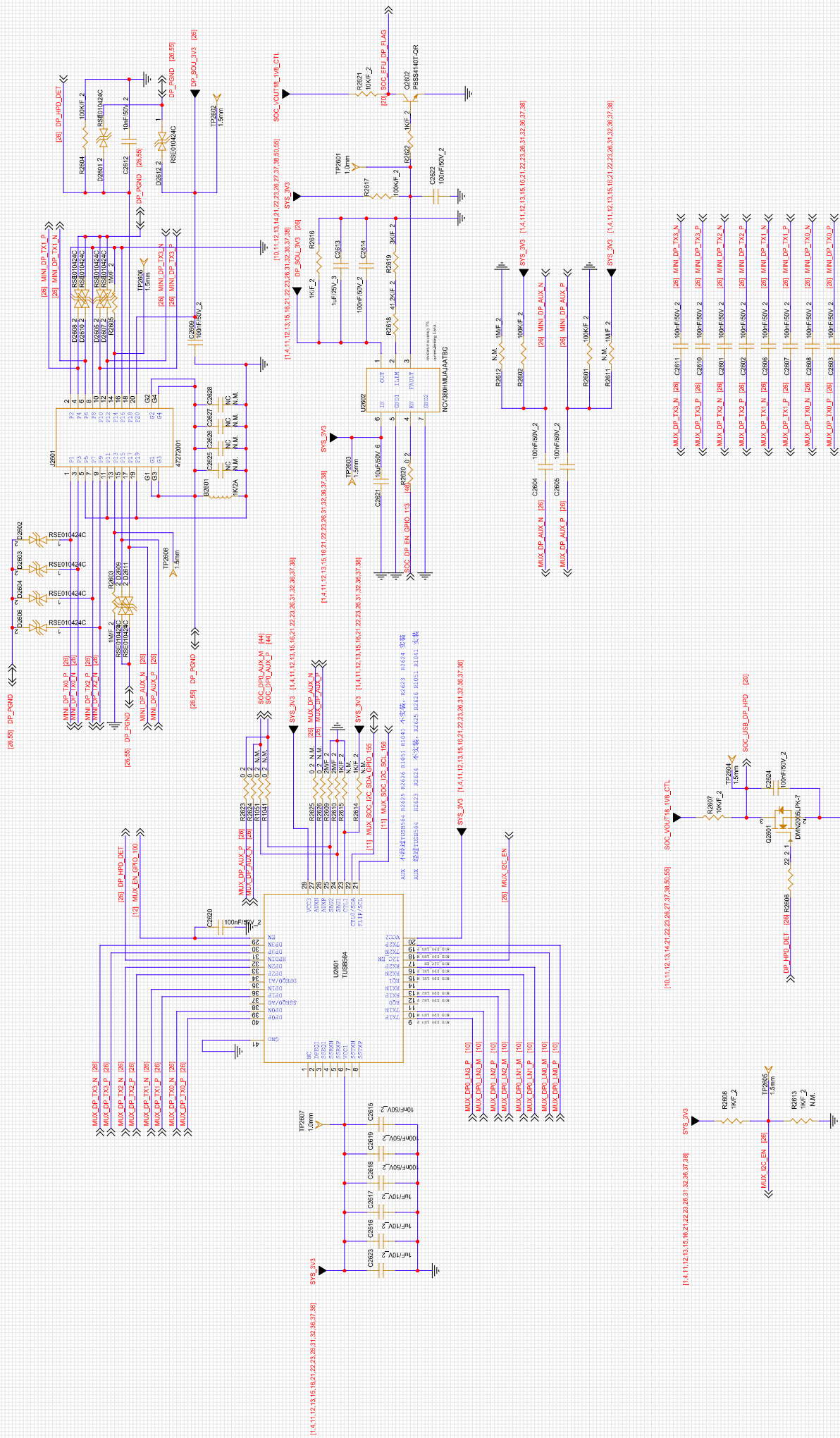


等长, 差分
阻抗100ohm ±10%

MAX8150TMMT I2C Address: 0x80

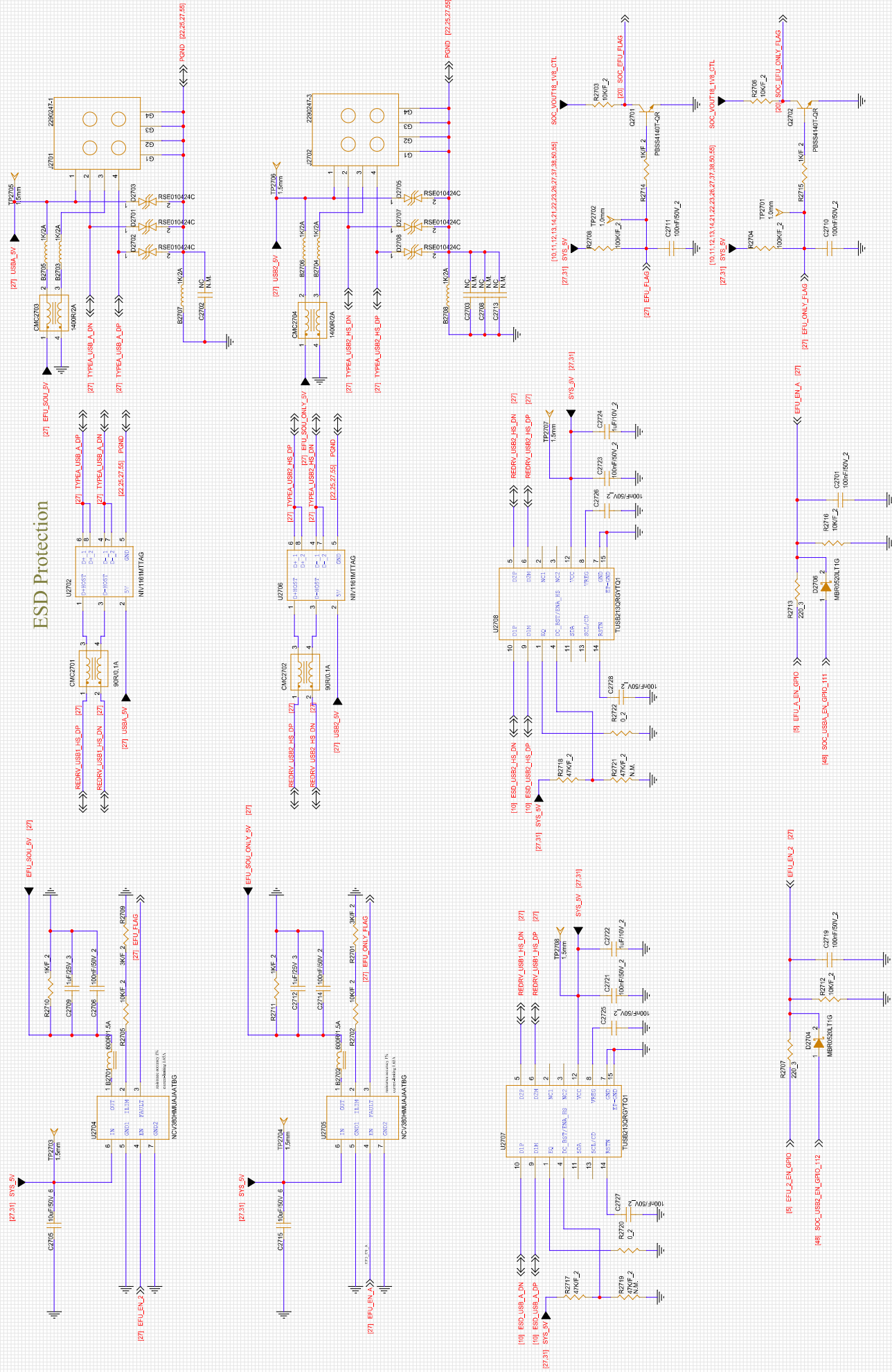


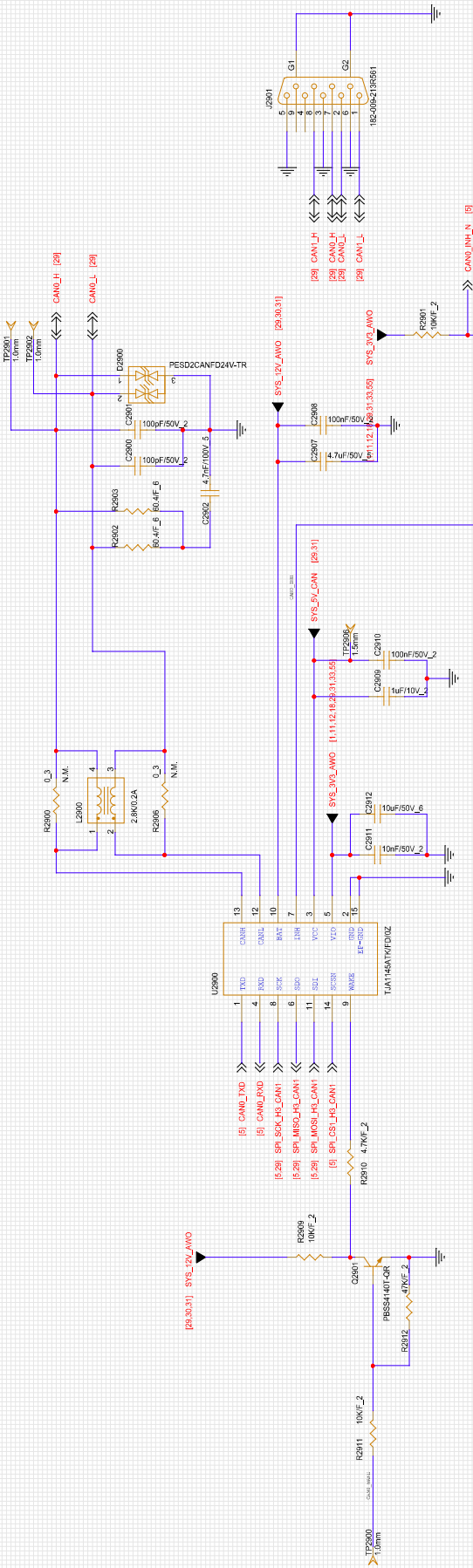
COAX,
GMSL2_3Chps



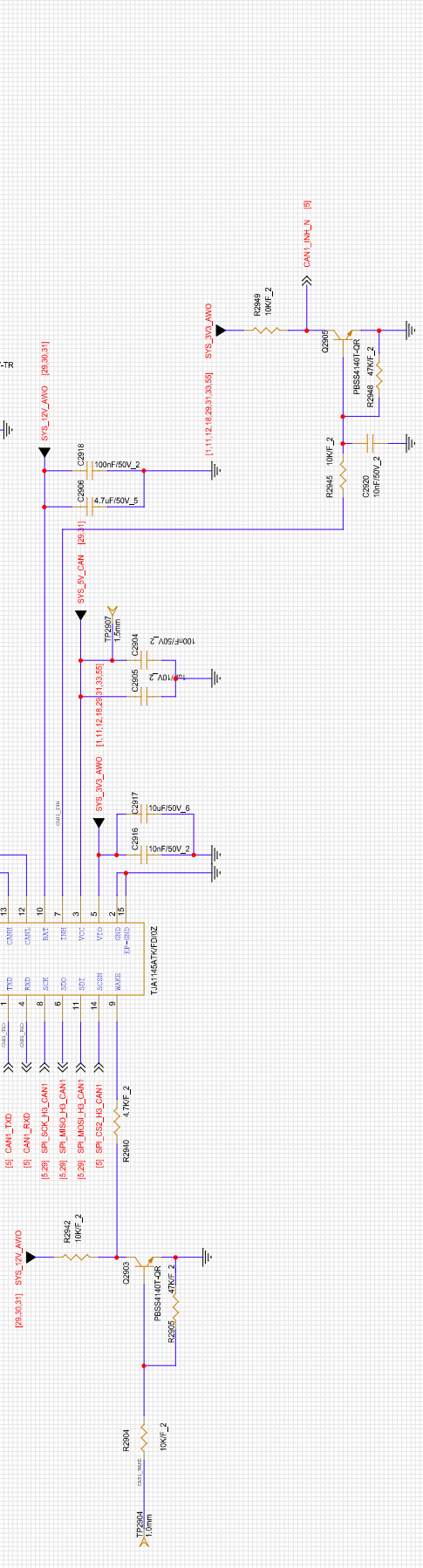
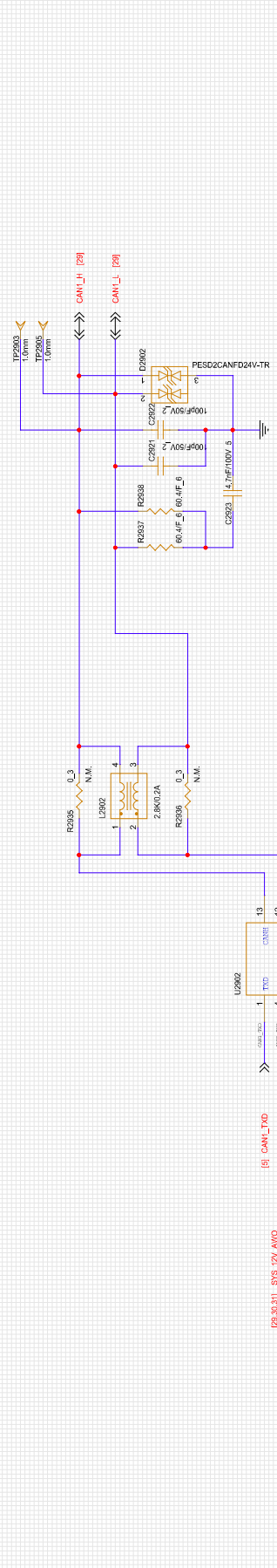
USB VBUS Protection

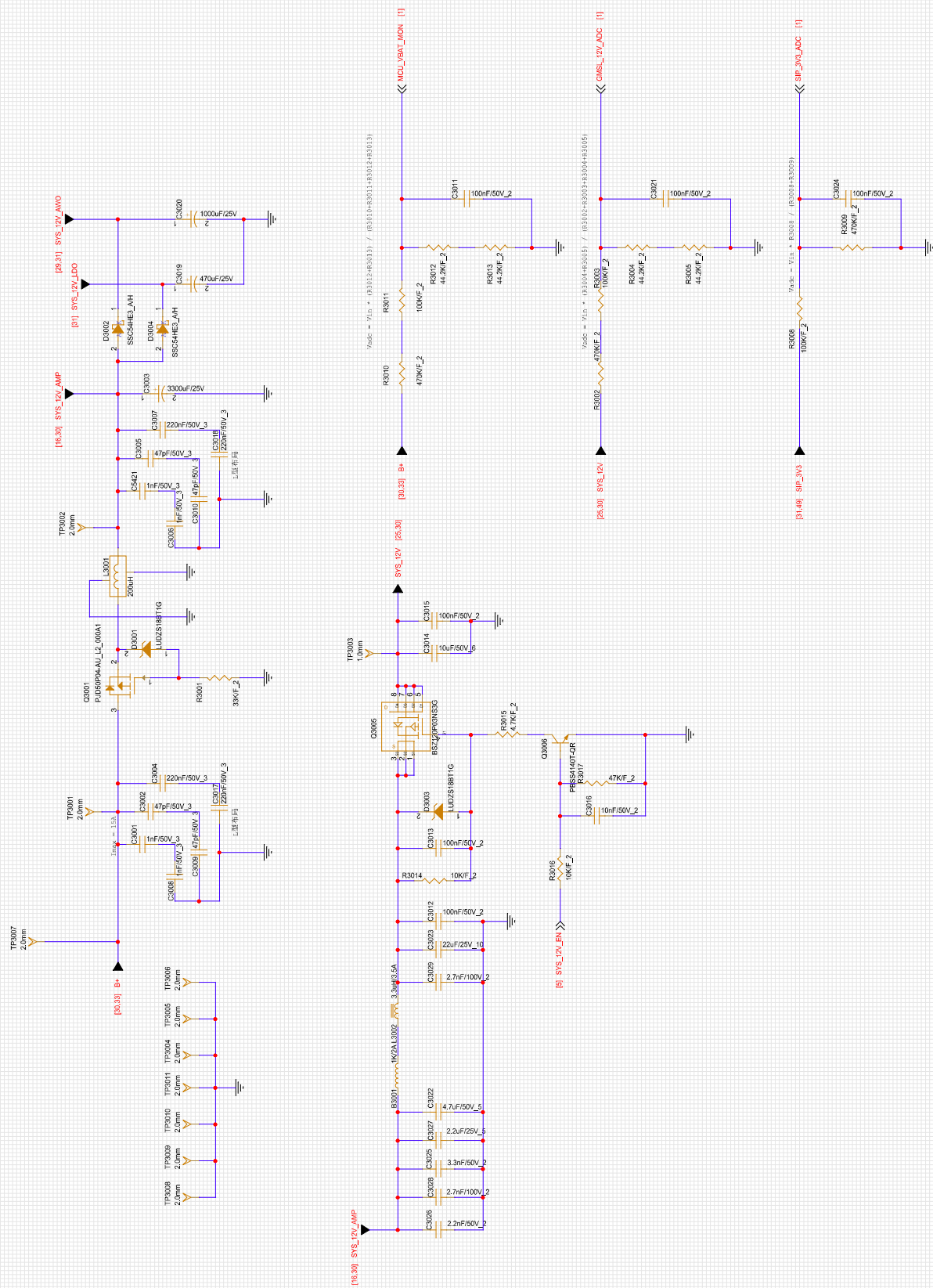
ESD Protection



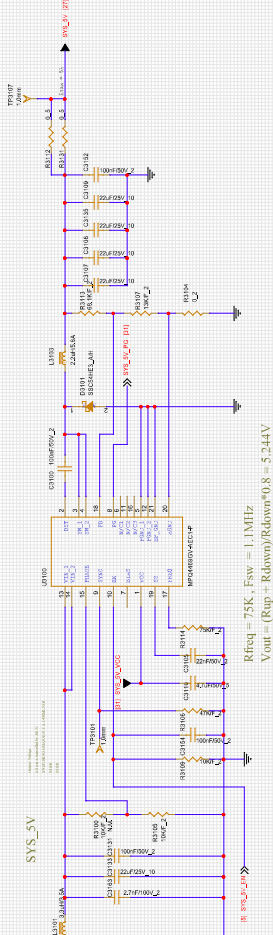
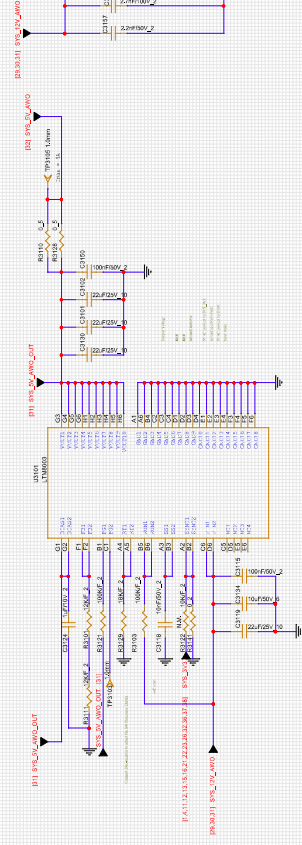


与车厂确认节点还是主节点



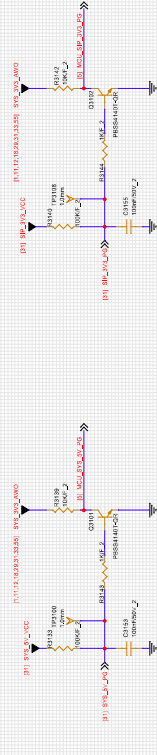
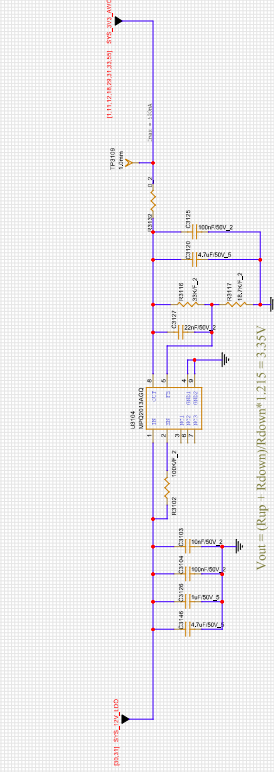


SYS_5V_AWO

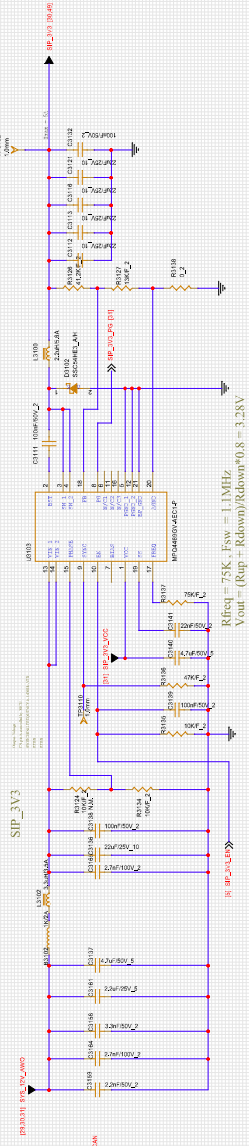


$$R_{fsw} = 75K, F_{sw} = 1MHz$$

$$V_{out} = (R_{up} + R_{down})/R_{down} * 0.8 = 5.244V$$

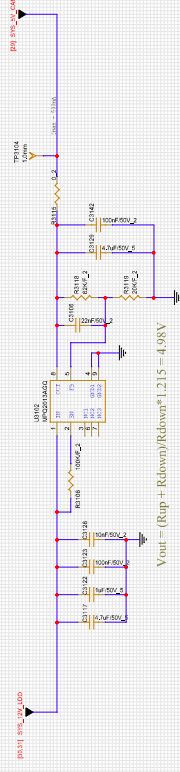


$$V_{out} = (R_{up} + R_{down})/R_{down} * 1.215 = 3.35V$$

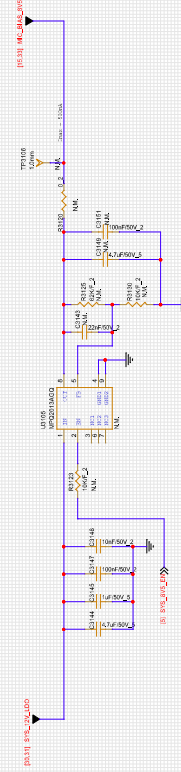


$$R_{fsw} = 75K, F_{sw} = 1MHz$$

$$V_{out} = (R_{up} + R_{down})/R_{down} * 0.8 = 3.28V$$



$$V_{out} = (R_{up} + R_{down})/R_{down} * 1.215 = 4.98V$$



$$V_{out} = (R_{up} + R_{down})/R_{down} * 1.215 = 8.74V$$

