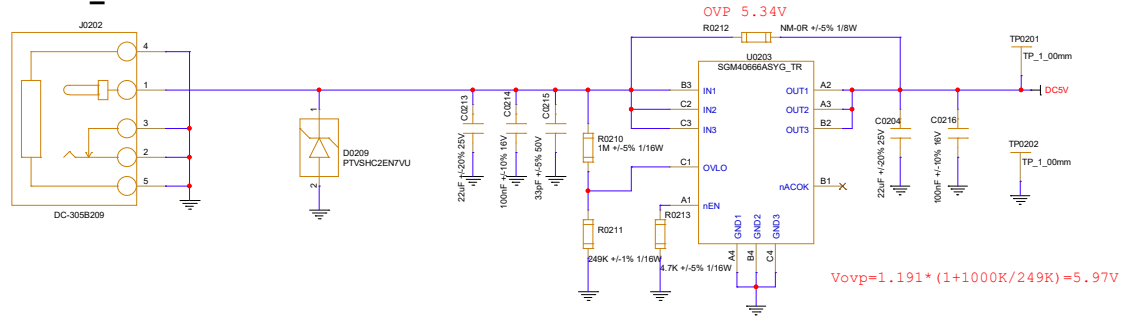
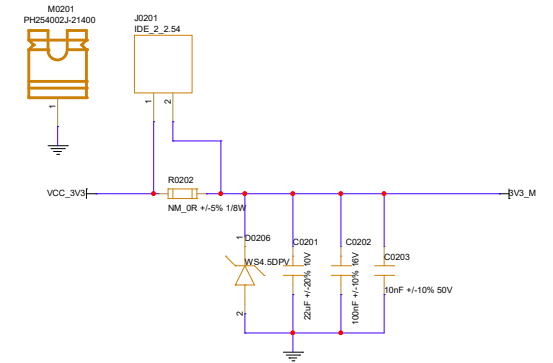


POWER DESIGN

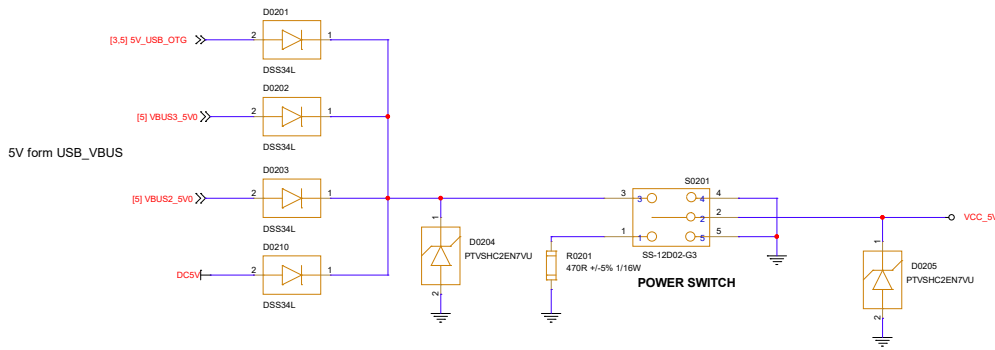
DC5V_IN



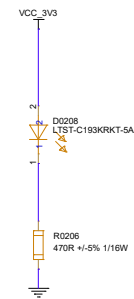
PWR consumption Test



USB_5V_IN

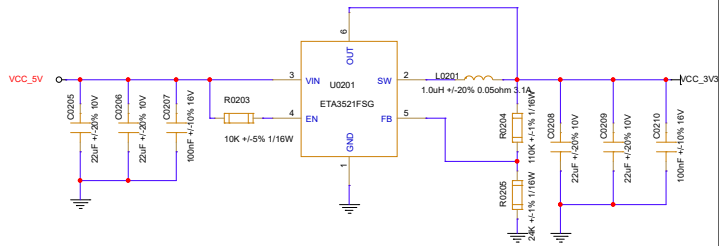


POWER_LED



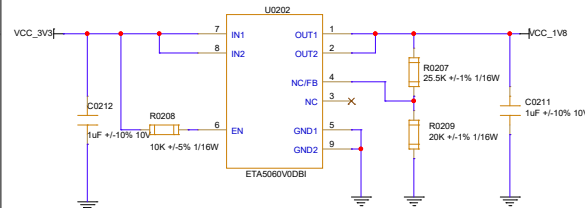
DCDC:3V3

$$V_{OUT} = 0.6 * (1 + R1/R2) = 3.35V, R1=110K, R2=24K$$

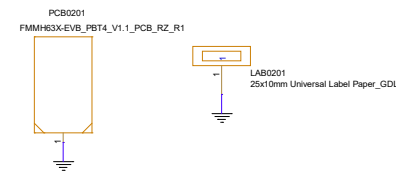


LDO:1V8

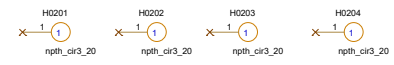
$$V_{OUT} = 0.8 * (1 + R1/R2) = 1.82V, R1=25.5K, R2=20K$$



LABE



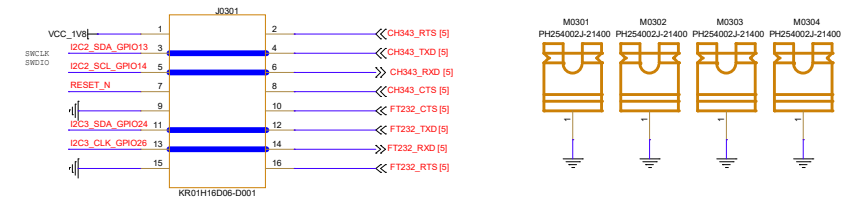
SCREW HOLE



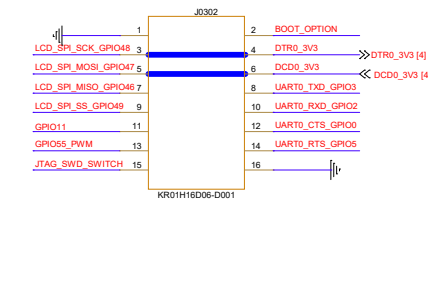
M2_KeyE CONNECTER



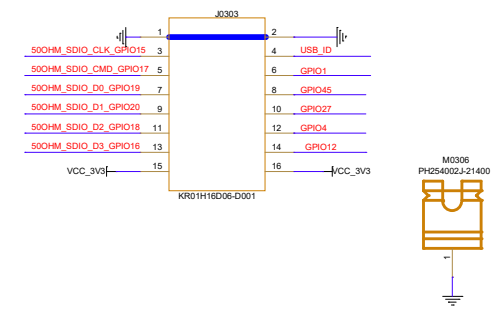
UART2,3&SWD



UART0&SPI&GPIO

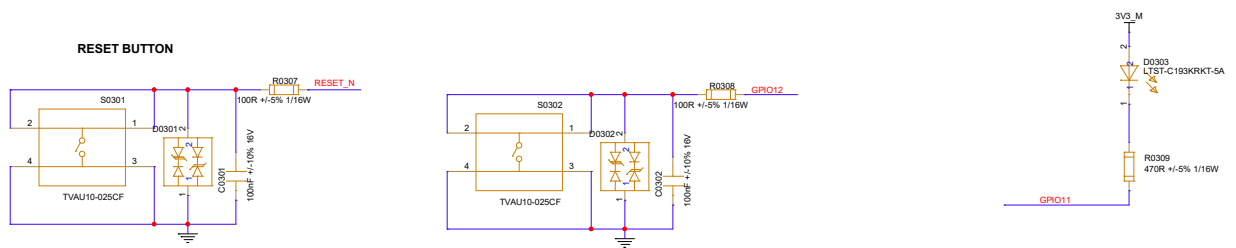


GPIO&BOOT

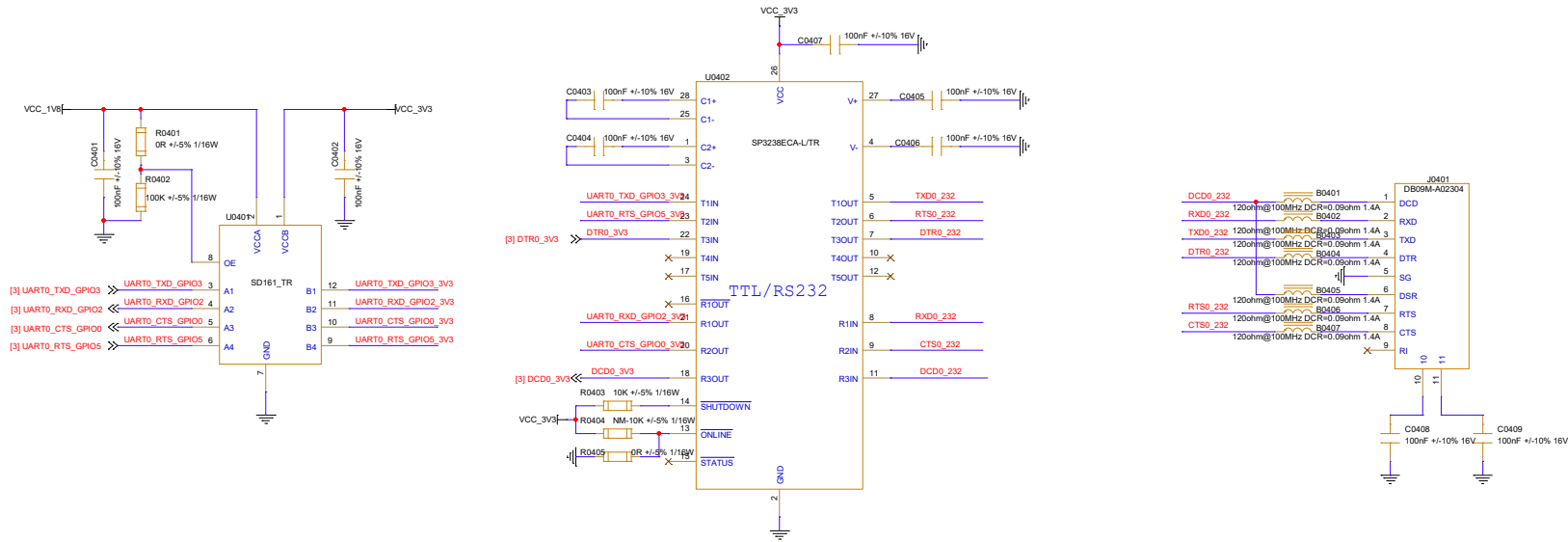


BOOT_OPTION	BOOT
1	Flash (default)
0	ISP

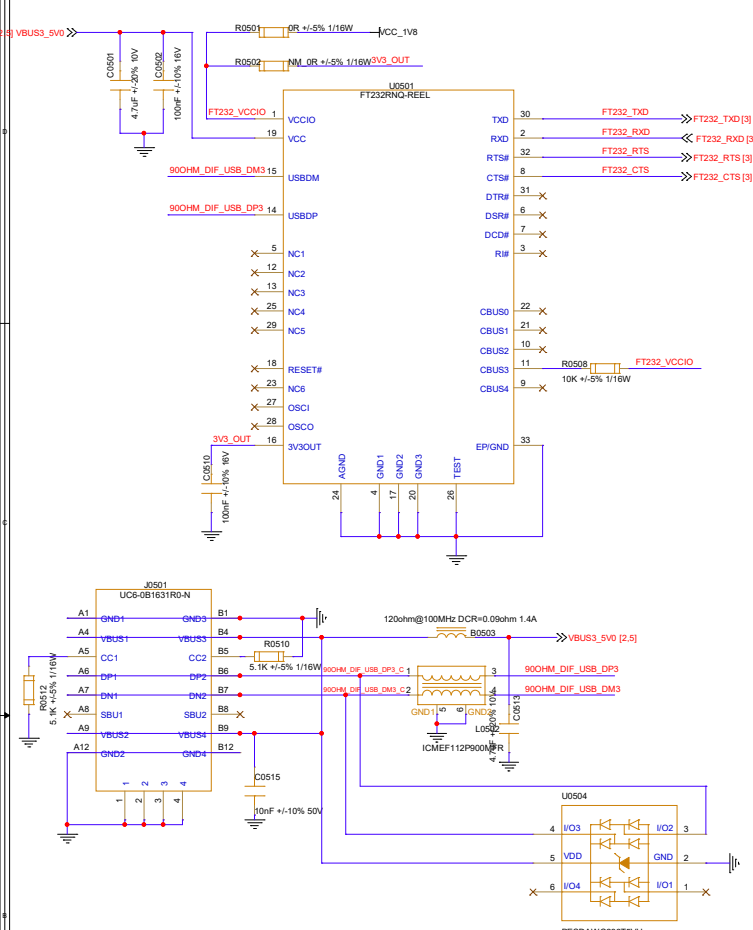
BUTTON



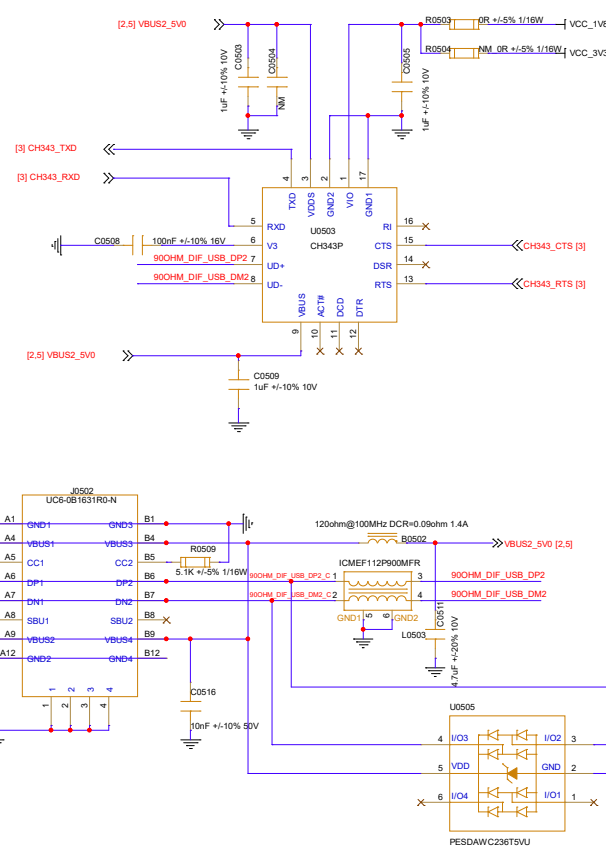
Voltage-Level Translator



AT_UART

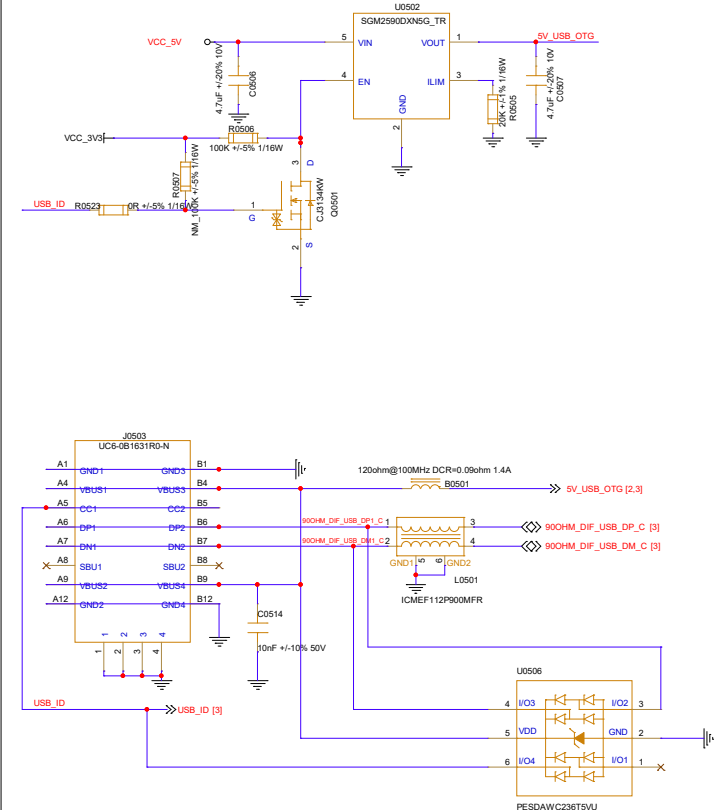


DEBUG_UART

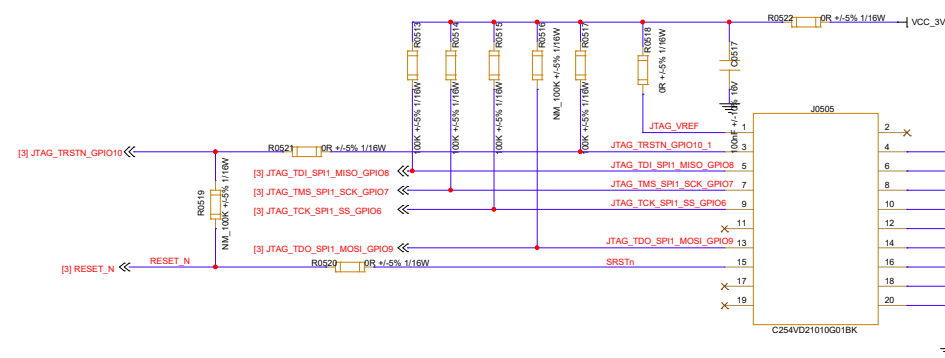


USB_PORT

USB ID is a processor Analog Sense Input
 Host --> ID = GND
 Device --> ID = Floating



JTAG



Ethernet

