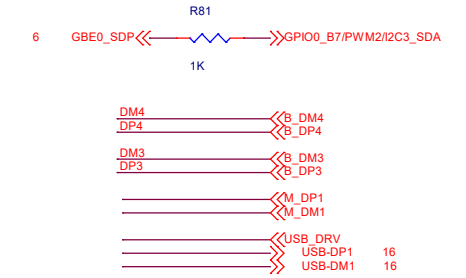
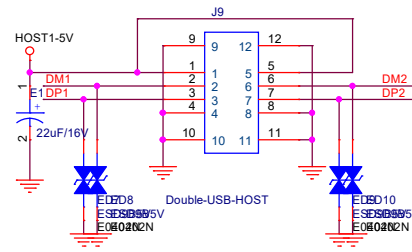
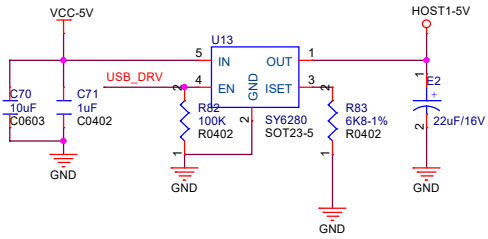
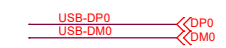
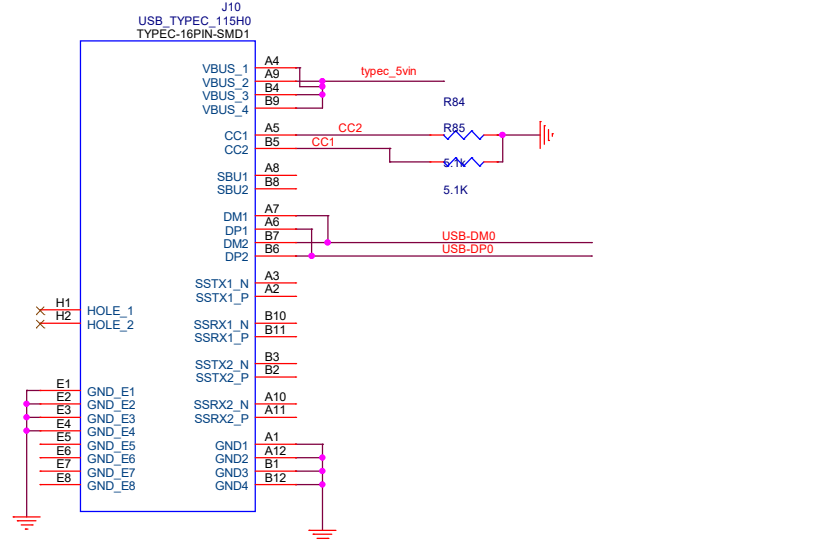
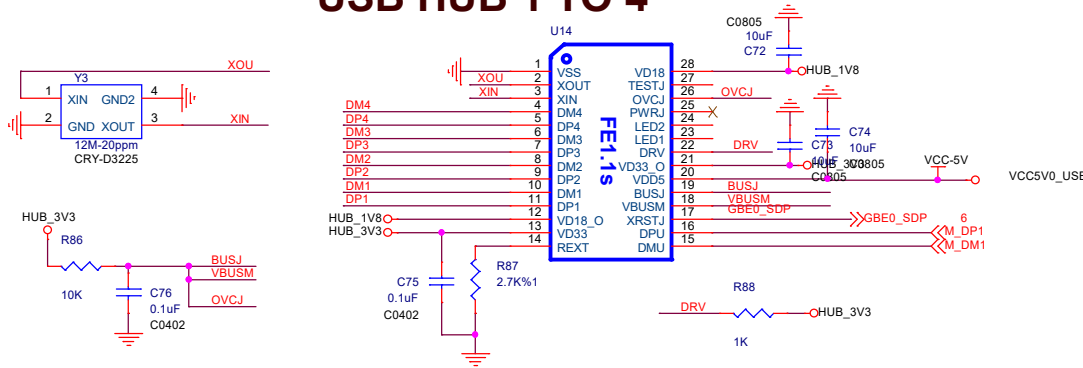


USB-5v

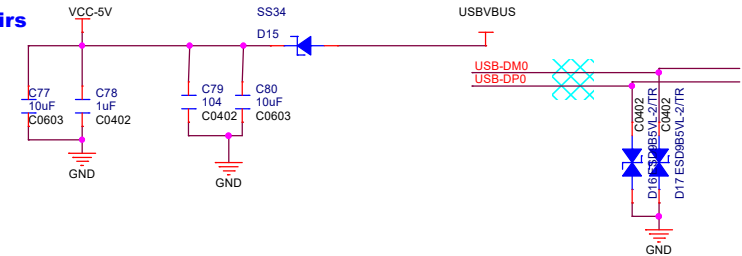


USB HUB 1 TO 4



100 mil

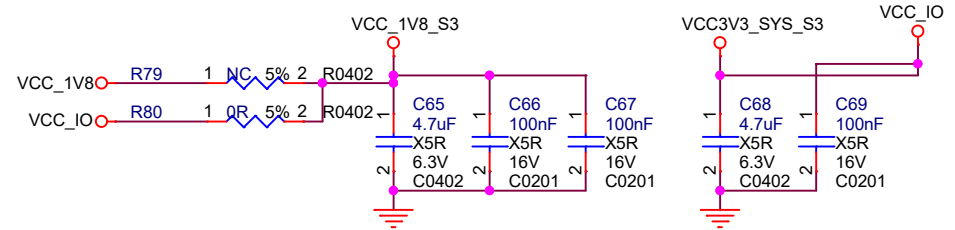
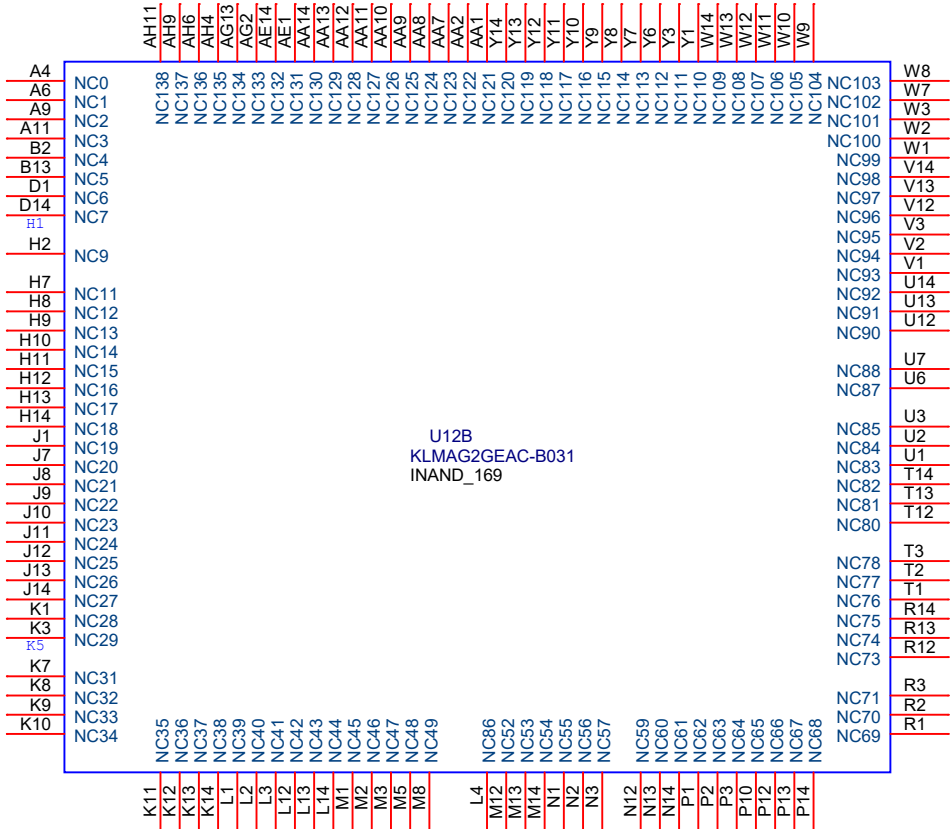
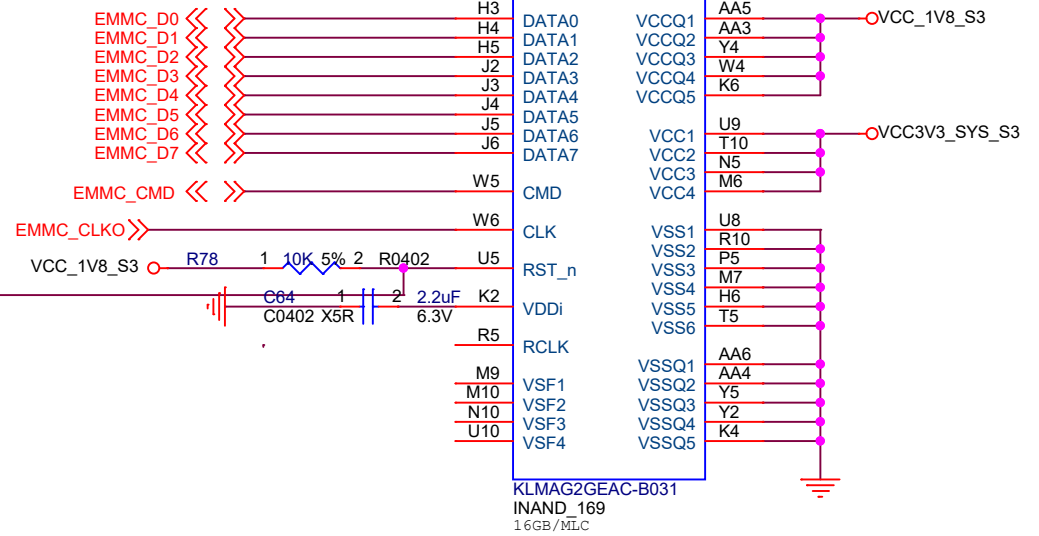
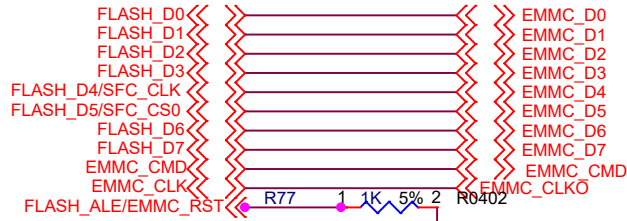
Differential pairs
Z0= 90 ohm



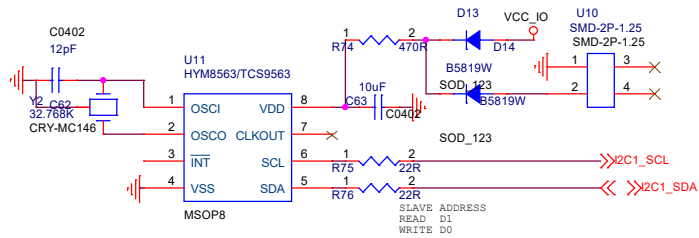
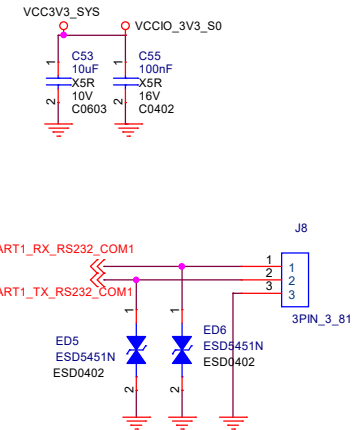
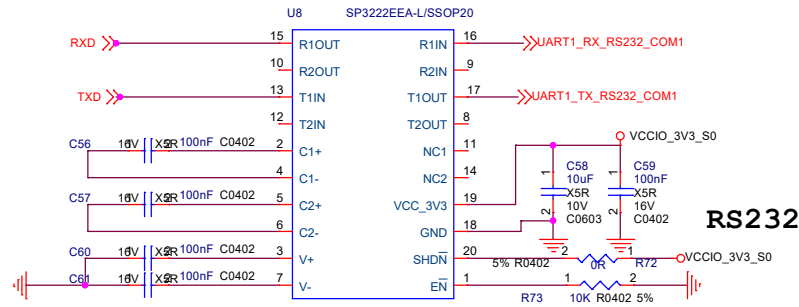
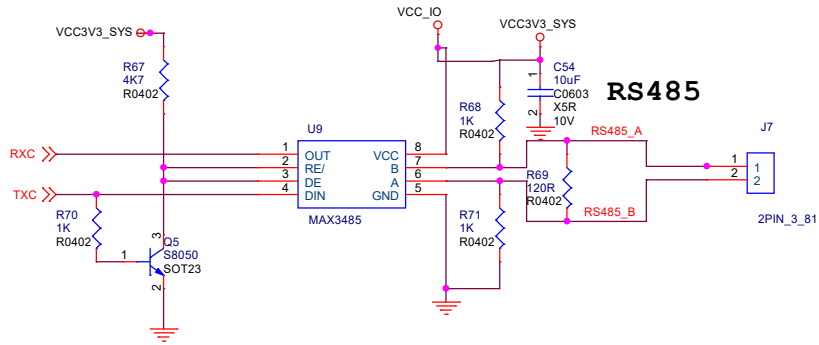
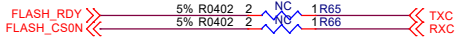
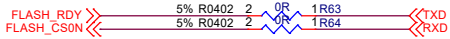
$$I_{lim} (A) = 6800 / R_{set} (ohm)$$

TYPEC

eMMC



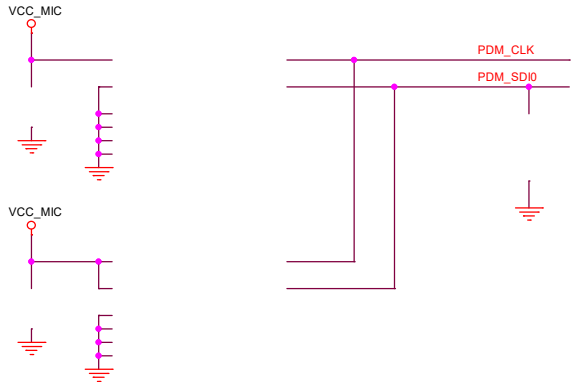
FLASH_RDY-UART3-RX
FLASH_CSN-UART3-TX



Digital MIC-PDM

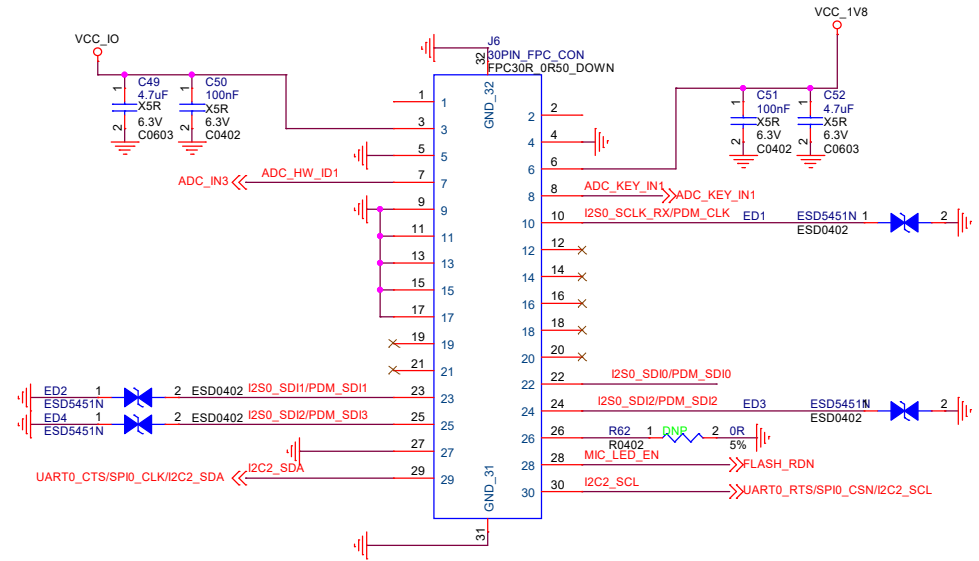
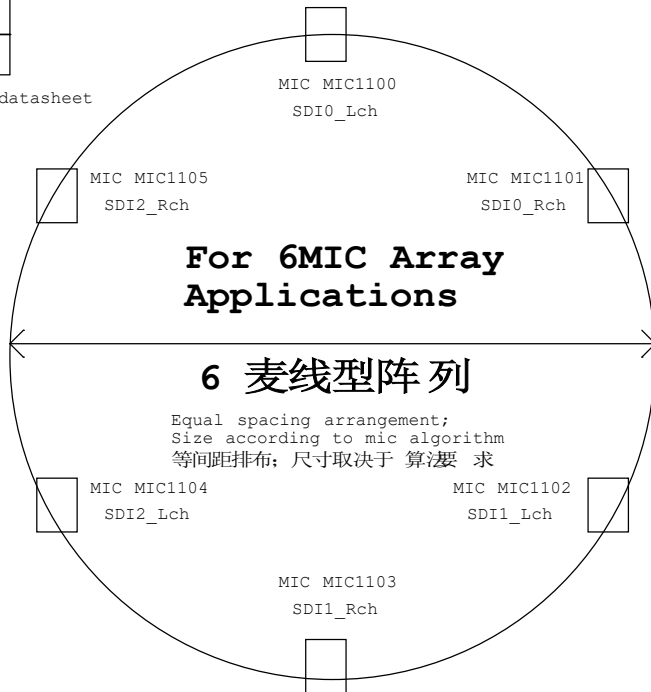


The SDI line should have a 100kohm PD resistor to discharge the line during the time that all microphones on the bus have tristated their outputs.



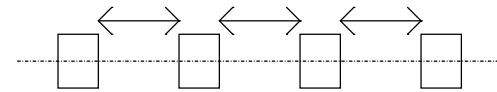
LR	Pull Up	Pull Down
Channel	R	L

Accordance with the datasheet



Equal spacing arrangement; according to mic algorithm

等间距排布; 取决于算法要求



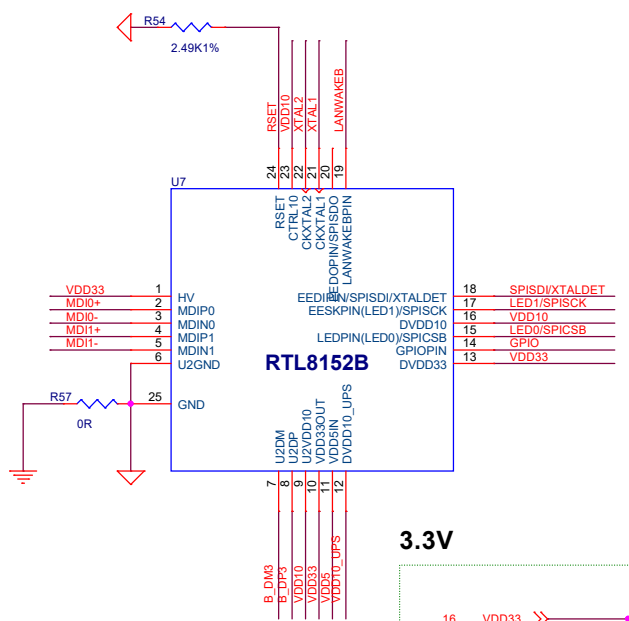
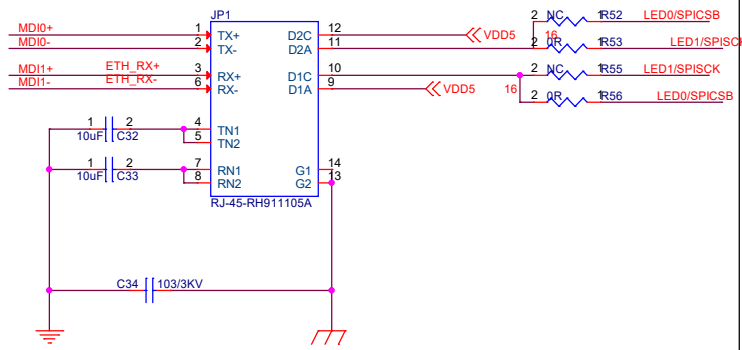
SDI0_Lch SDI0_Rch SDI1_Lch SDI1_Rch

For 4MIC Array Applications

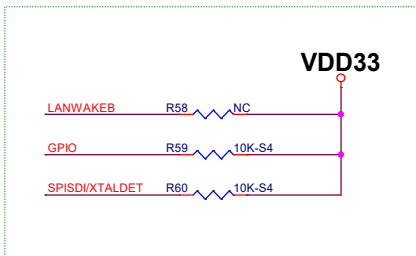
4 麦线型阵列

RJ-45 Connector + Transformer

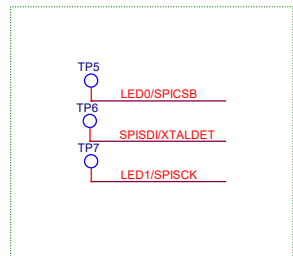
Controller



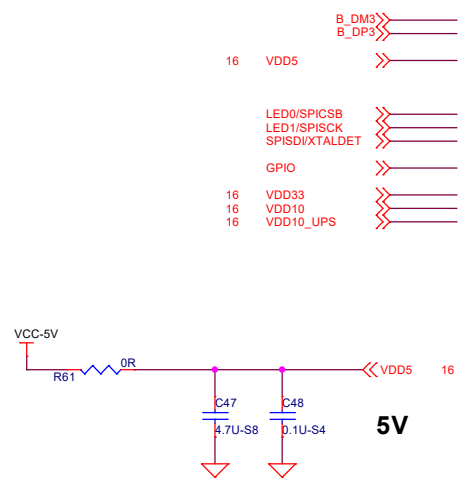
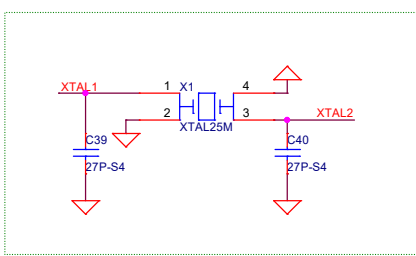
External Resistors



Test Point

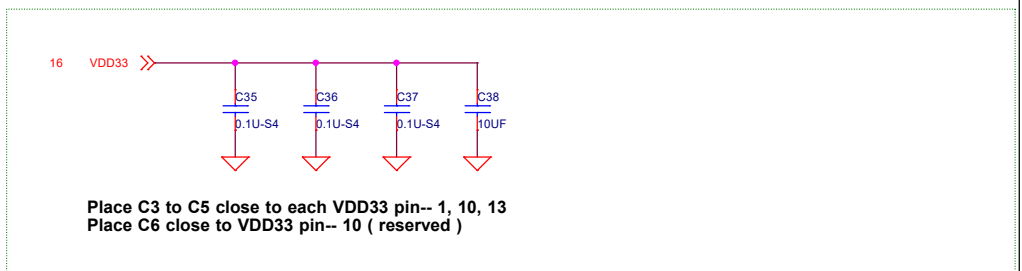


XTAL

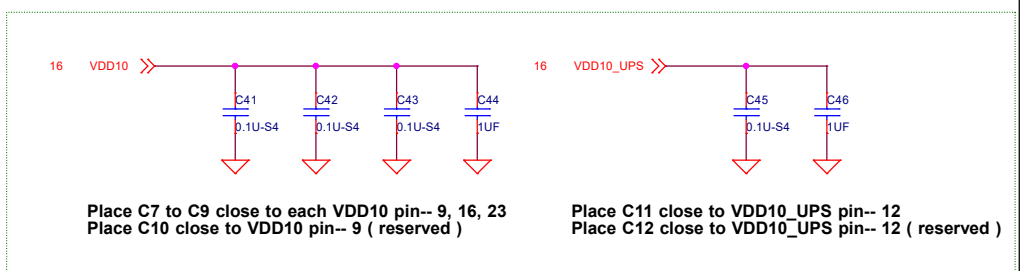


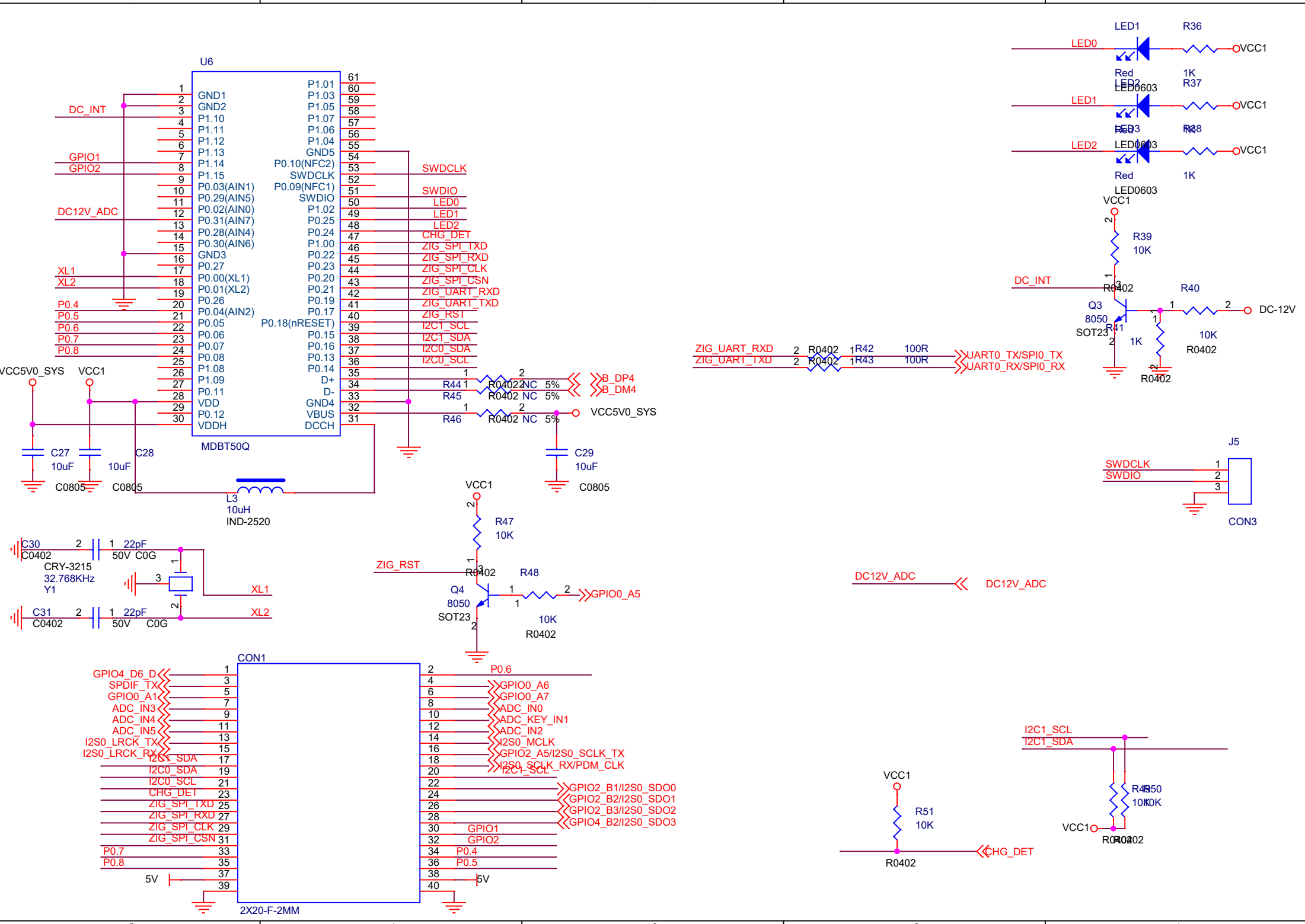
Place C1 and C2 close to VDD5 pin-- 11

3.3V

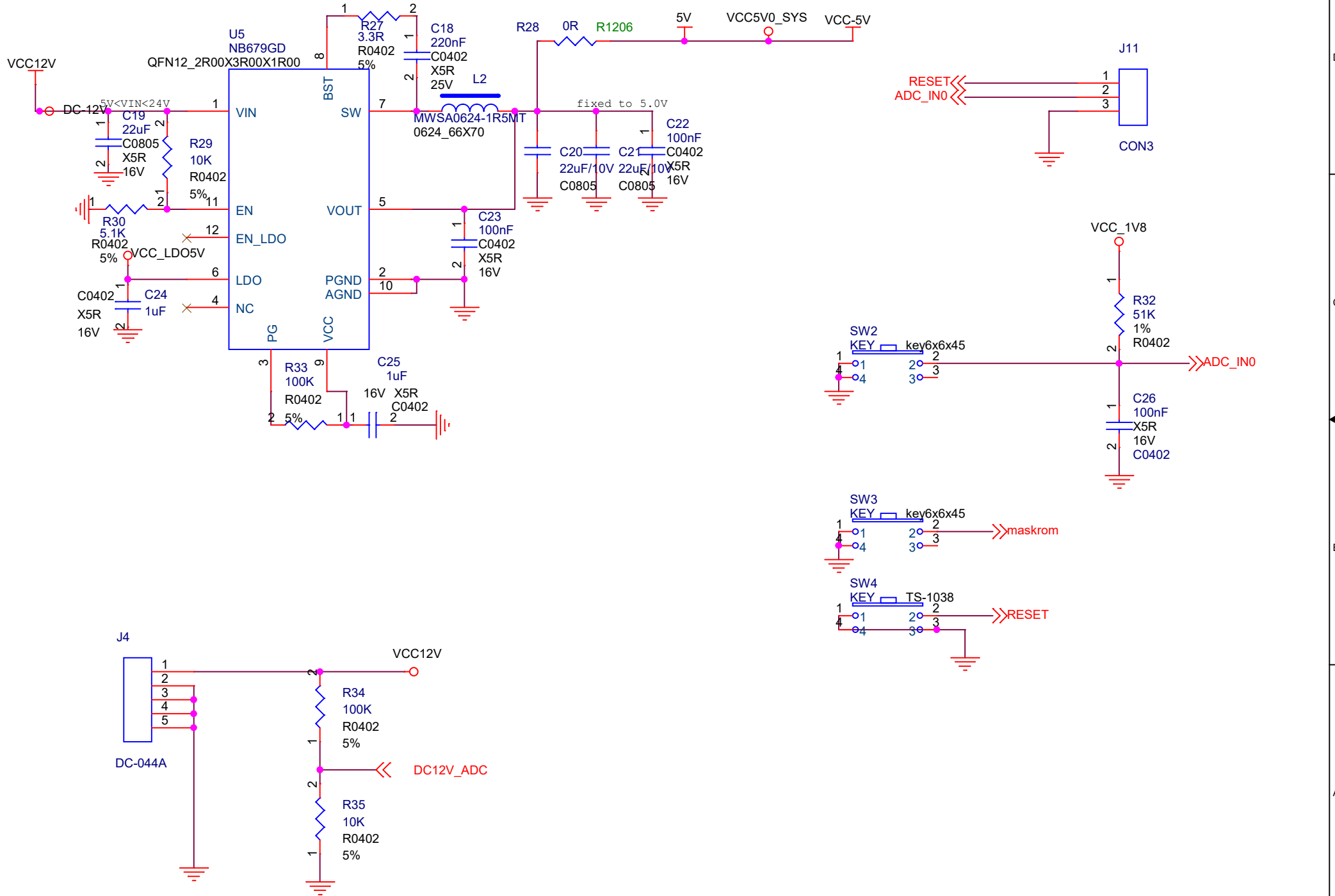


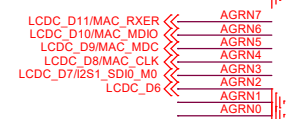
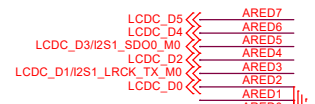
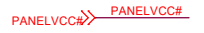
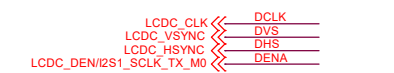
1.05V



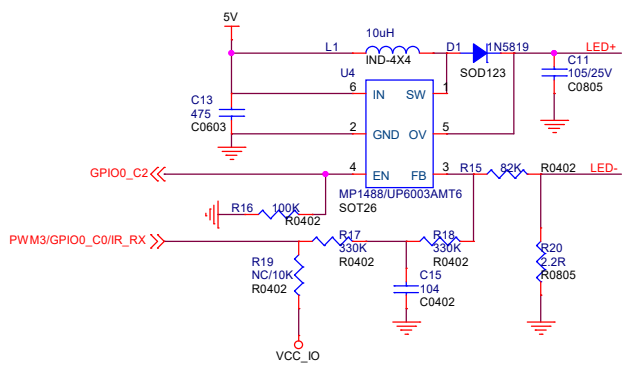
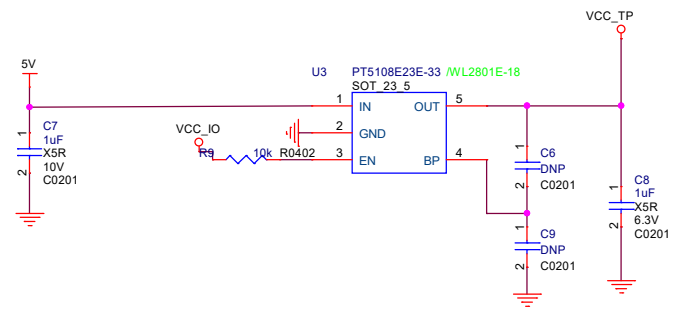
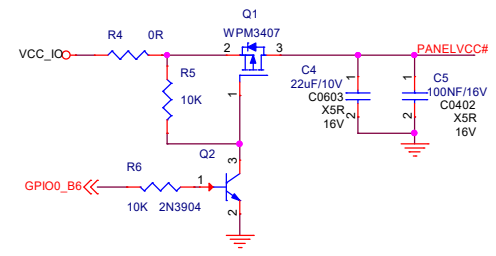
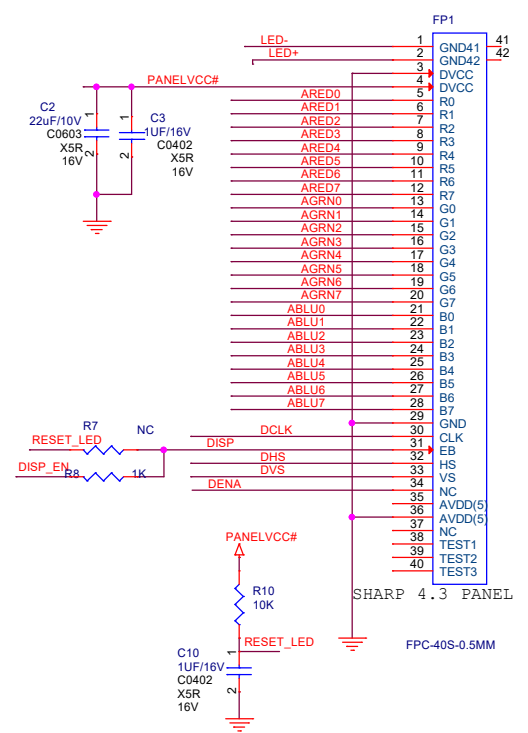


POWER IN 12V-5V

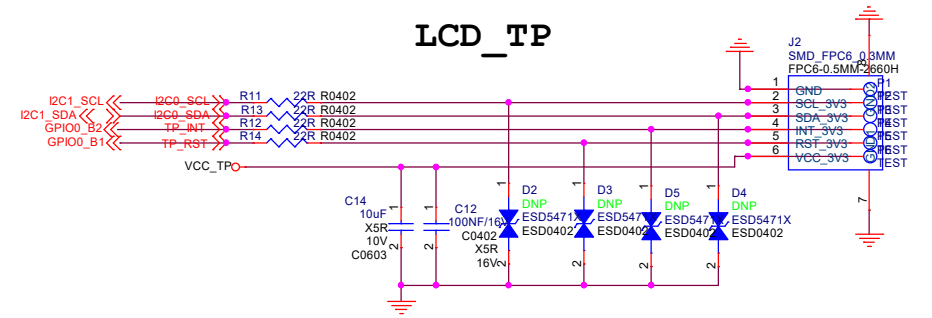


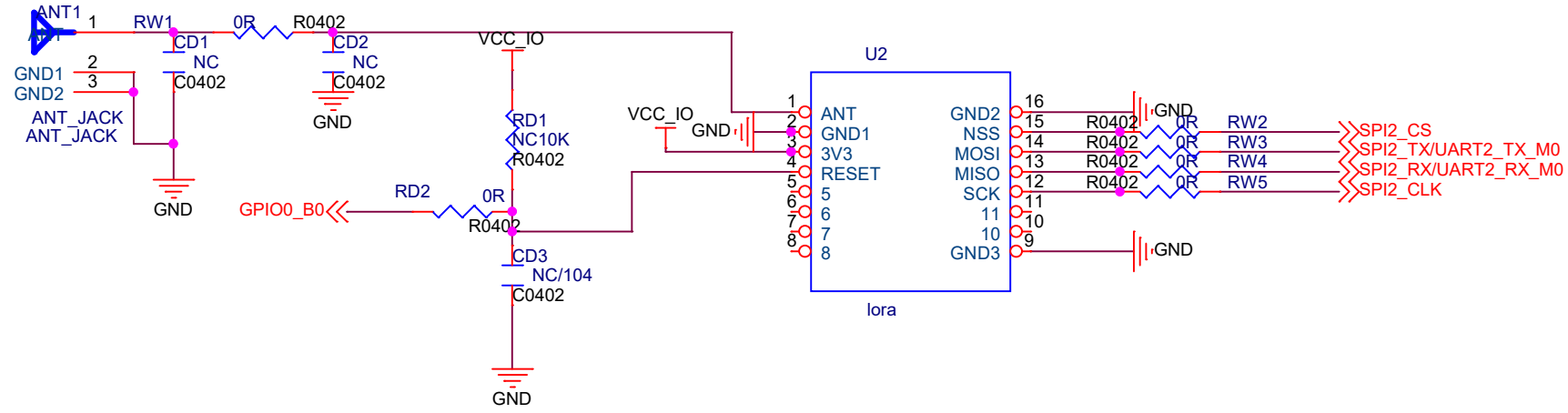


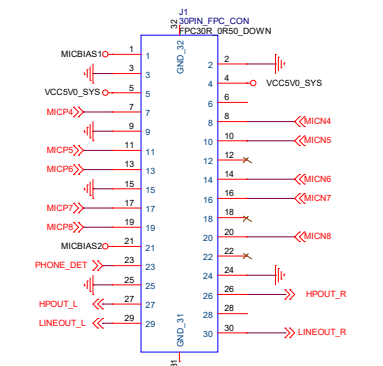
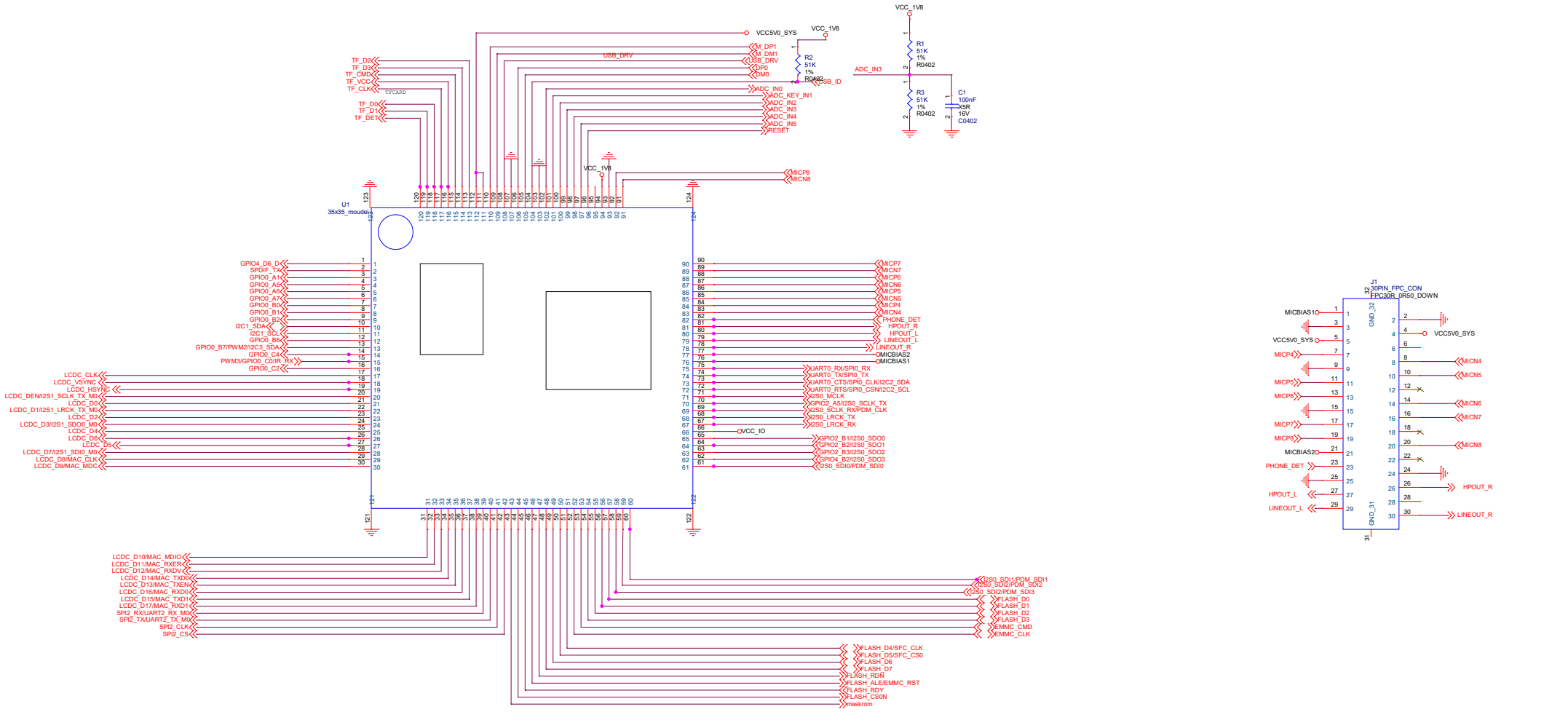
666



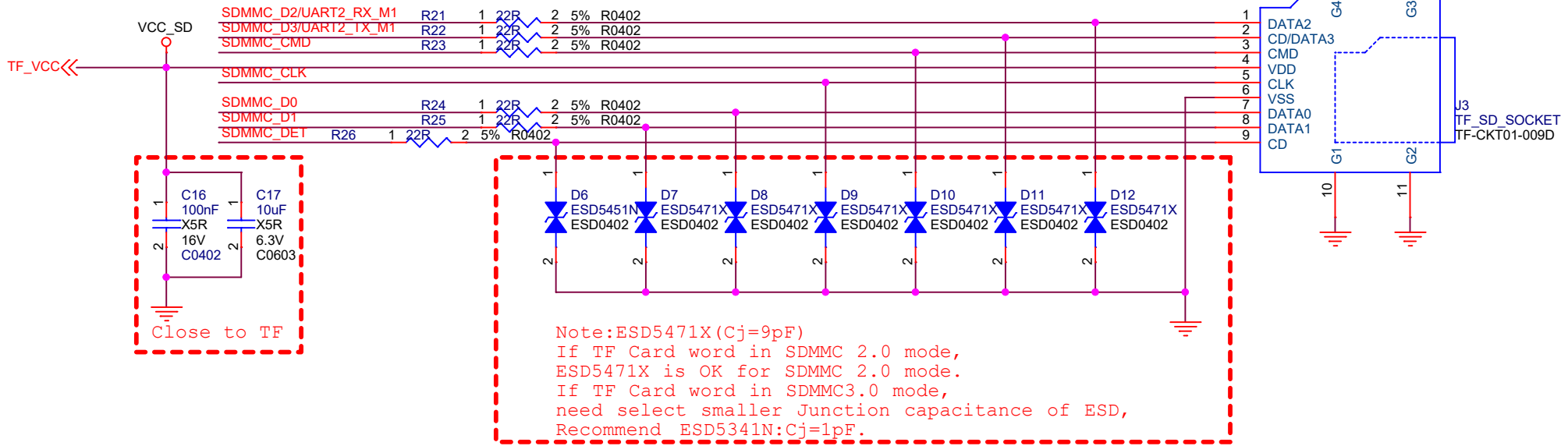
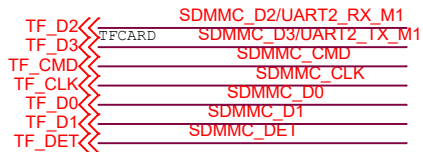
LCD_TP








TF Card



 Fuzhou Rockchip Electronics 瑞芯微电子	
Project:	RK3308_AI-VA_MB_REF
File:	<Page name>
Date:	Tuesday, April 07, 2020
Designed by:	Joseph
Rev:	1.3
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