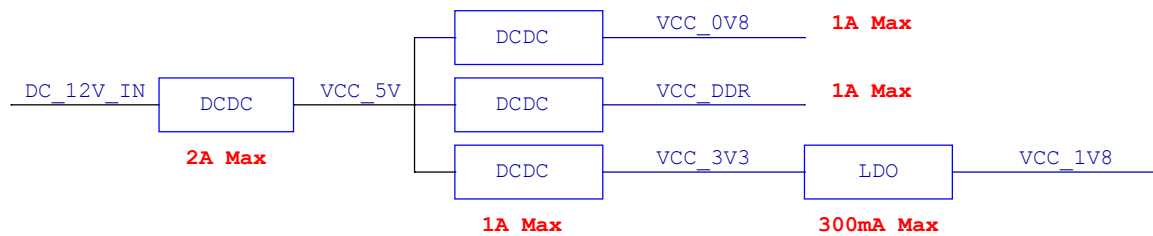
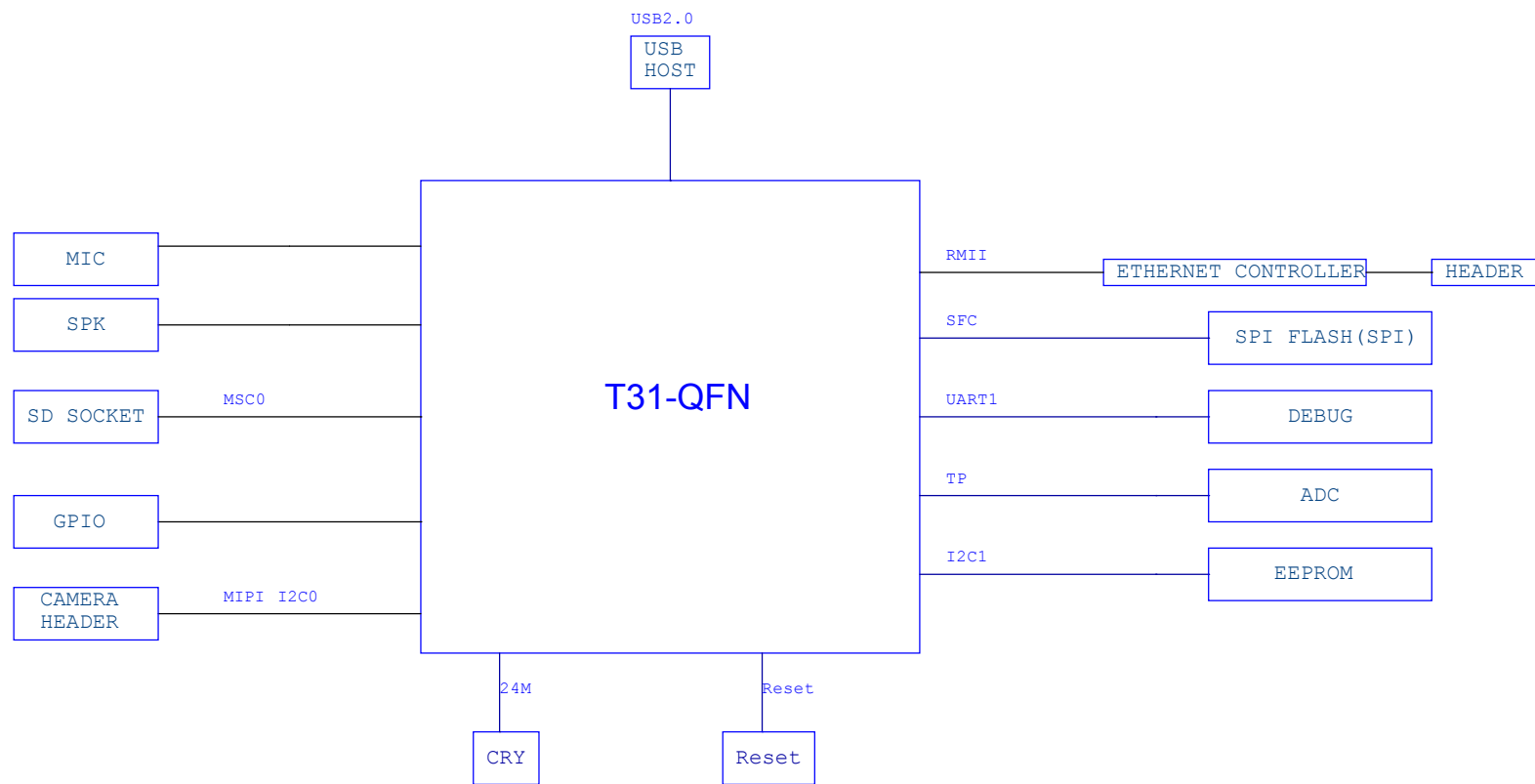




RD_T31_SNIPE_M

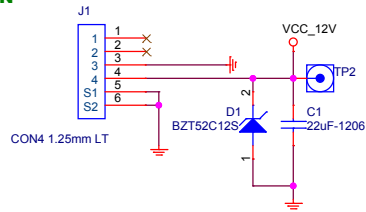
Schematic Revision 1.0

Title	Page
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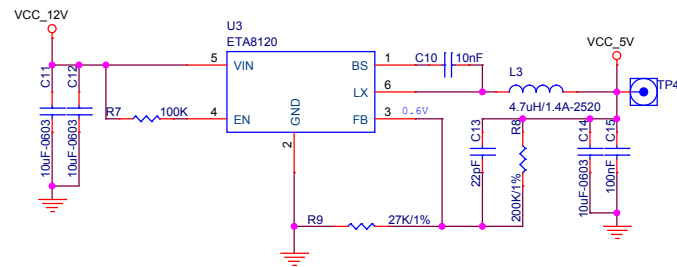


POWER SUPPLY

12V DC-IN

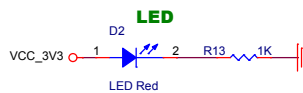
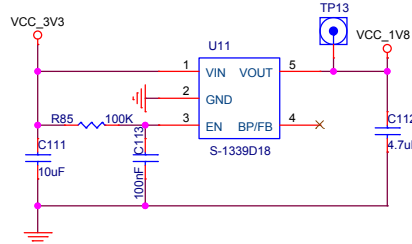


5V/2A

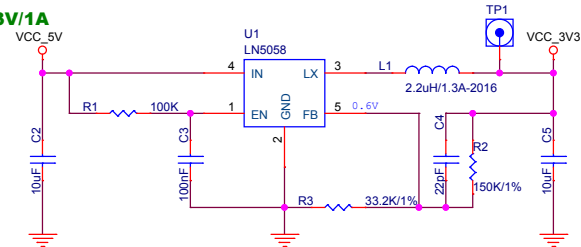


Note: Compatible with DIO6912
 $V_{OUT} = (1 + 200K/27K) * 0.6 = 5.0V$

1.8V/300mA

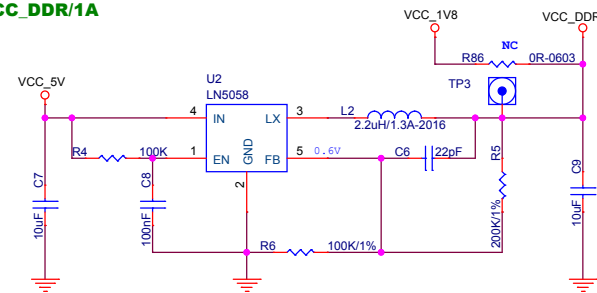


3.3V/1A



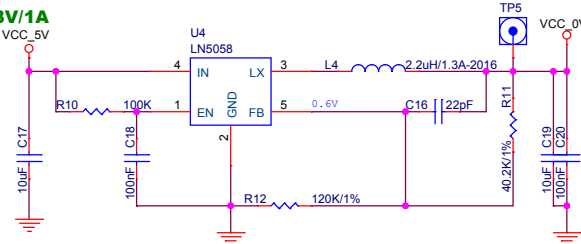
Note: Compatible with DIO6001/ETA3486
 $V_{OUT} = (1 + 150K/33.2K) * 0.6 = 3.3V$

VCC_DDR/1A

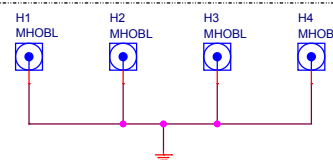


Note: Compatible with DIO6001/ETA3486
 $V_{CC_DDR} = (1 + 200K/100K) * 0.6 = 1.8V$ (R5=200K/1%)
 $V_{CC_DDR} = (1 + 150K/100K) * 0.6 = 1.5V$ (R5=150K/1%)
 $V_{CC_DDR} = (1 + 150K/120K) * 0.6 = 1.35V$ (R5=150K/1%)

0.8V/1A



Note: Compatible with DIO6001/ETA3486
 $V_{OUT} = (1 + 40.2K/120K) * 0.6 = 0.8V$

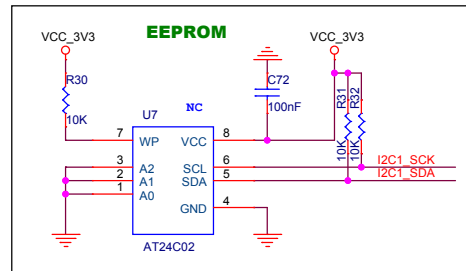
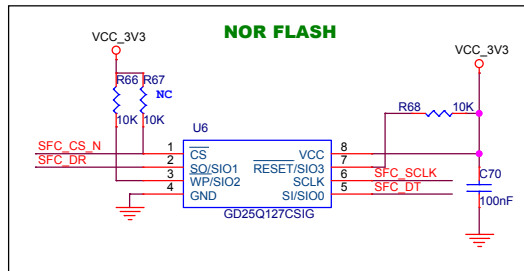
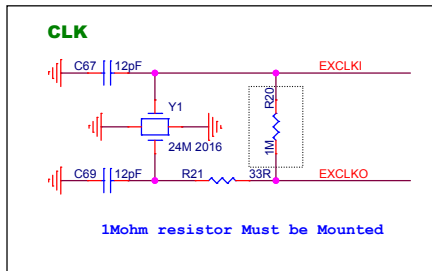
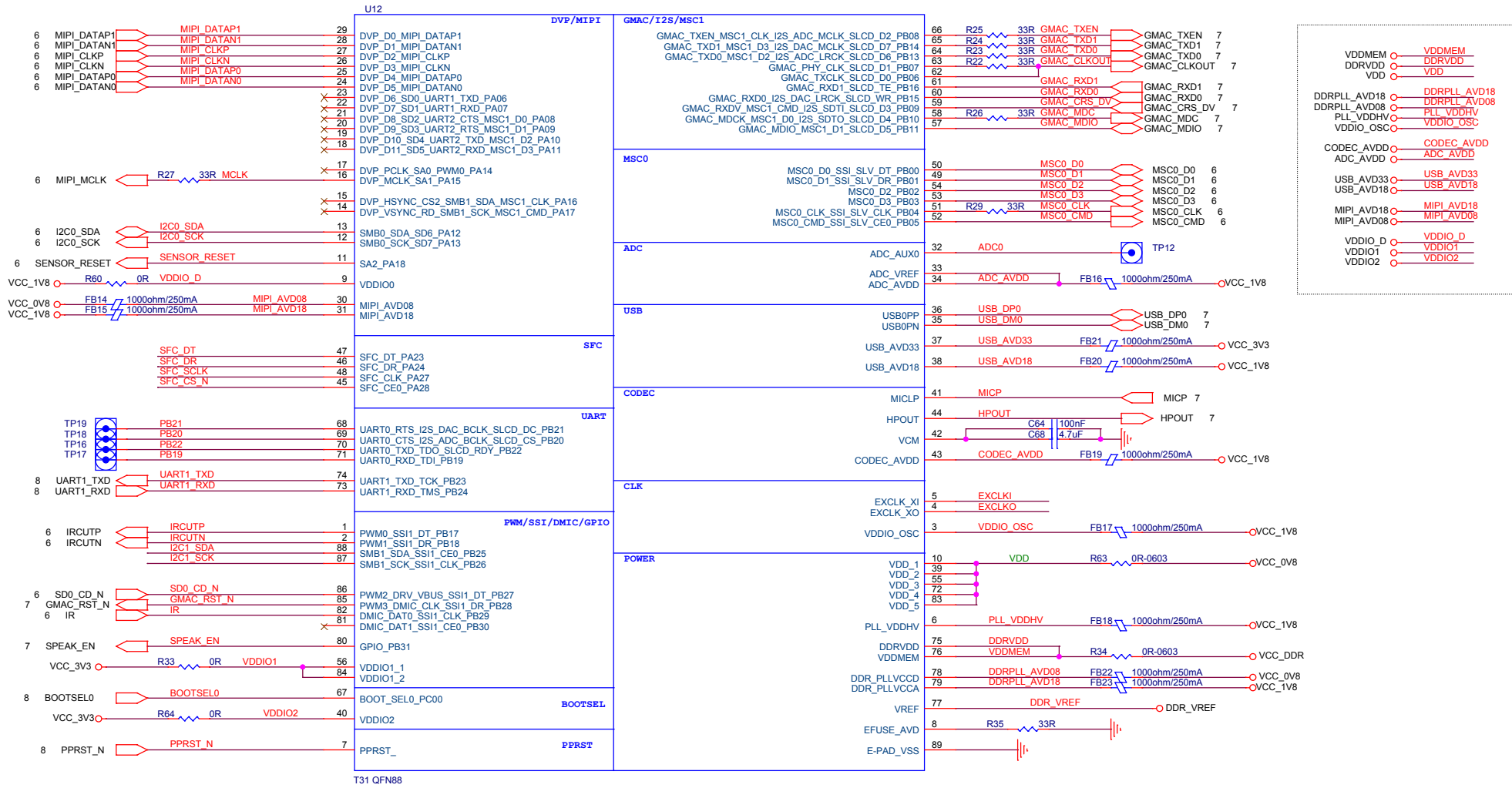


Mechanical Hole

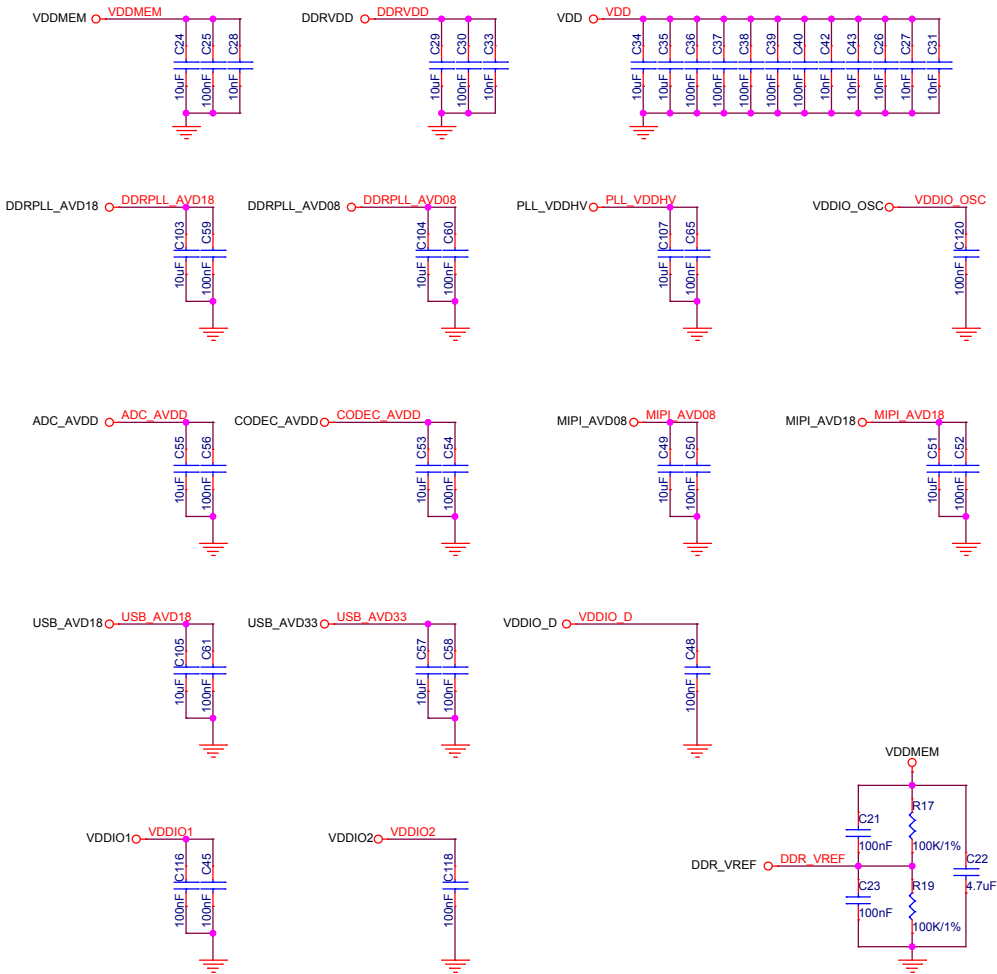
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Title		RD_T31_SNIPE_M
Size	Page Name	POWER_SUPPLY
A3		Rev 1.0
Date:	Thursday, September 05, 2019	Sheet 3 of 9

T31_IO/NOR FLASH/EEPROM

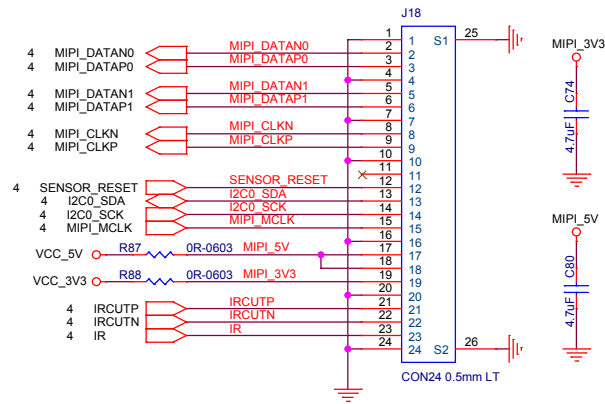


T31_Filter-Capacitor

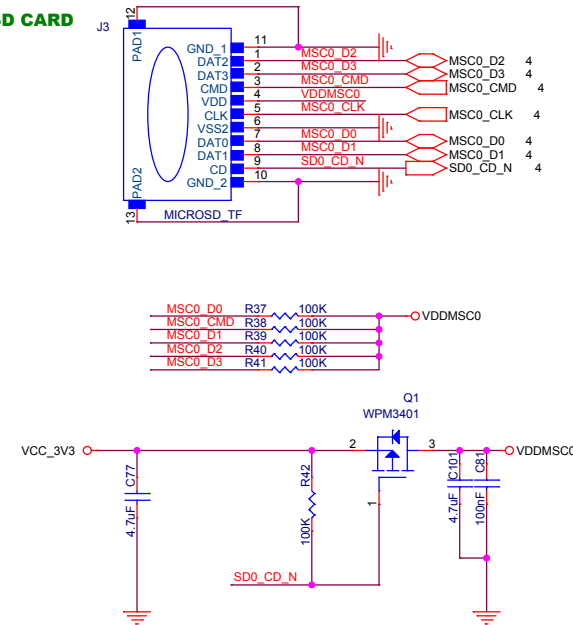


MIPI_CONNECTOR/SD_CARD

MIPI



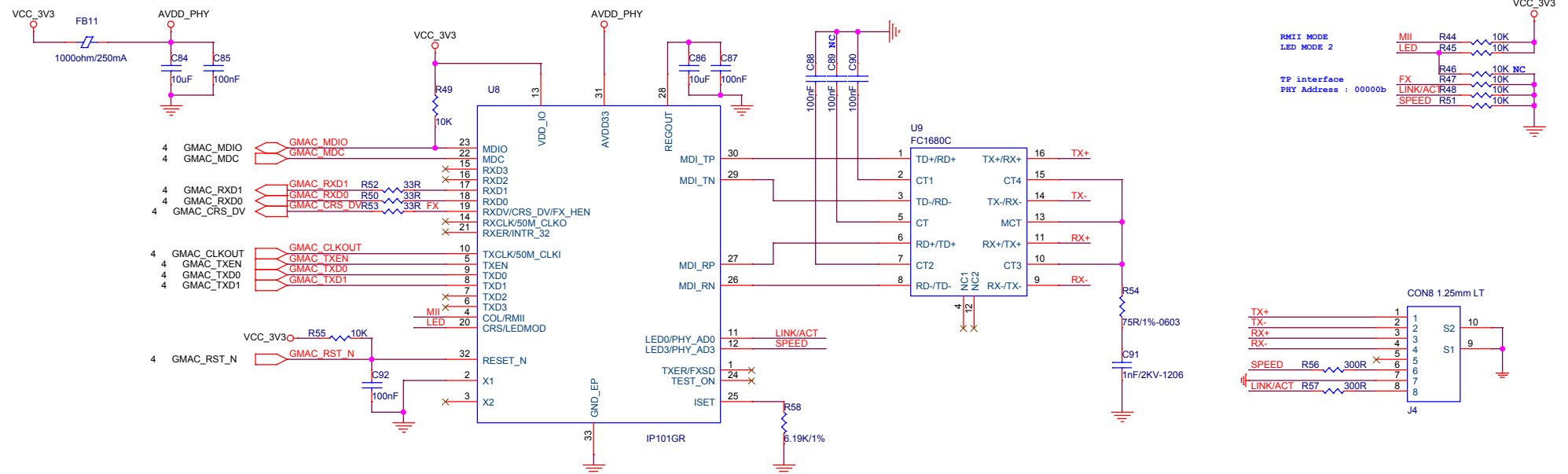
SD CARD



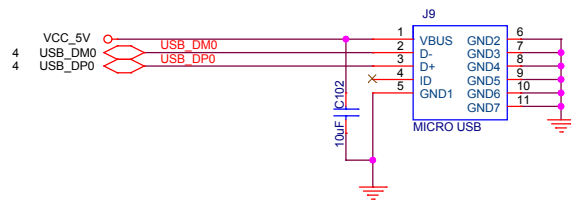
INGENIC SEMICONDUCTOR CO.,LTD

Title			RD_T31_SNIPE_M
Size	Page Name	Rev	
A3	MIPI_CONNECTOR/SD_CARD	1.0	
Date:	Thursday, September 05, 2019	Sheet	6 of 9

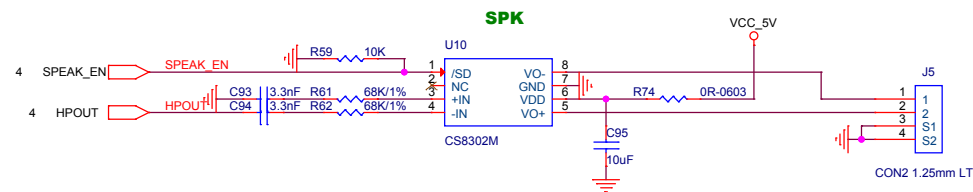
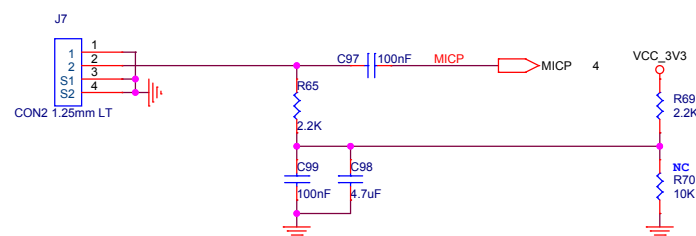
ETH_RMII



USB2.0_HOST



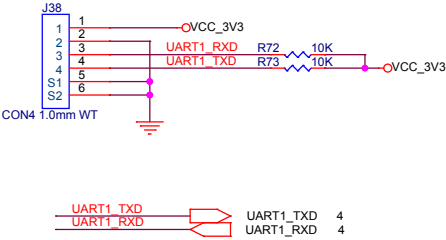
AUDIO

**MIC**

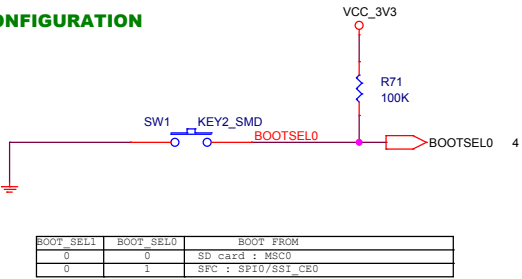
测试条件	最小	典型	最大	单位
$V_{DD}=5.0V, THD=10\%, f=1kHz, R_L=4\Omega$		2.90		W
$V_{DD}=5.0V, THD=1\%, f=1kHz, R_L=4\Omega$		2.50		
$V_{DD}=5.0V, THD=10\%, f=1kHz, R_L=8\Omega$		1.66		
$V_{DD}=5.0V, THD=1\%, f=1kHz, R_L=8\Omega$		1.36		

RST/BOOT/DEBUG

DEBUG



BOOT CONFIGURATION



RESET CIRCUITS

