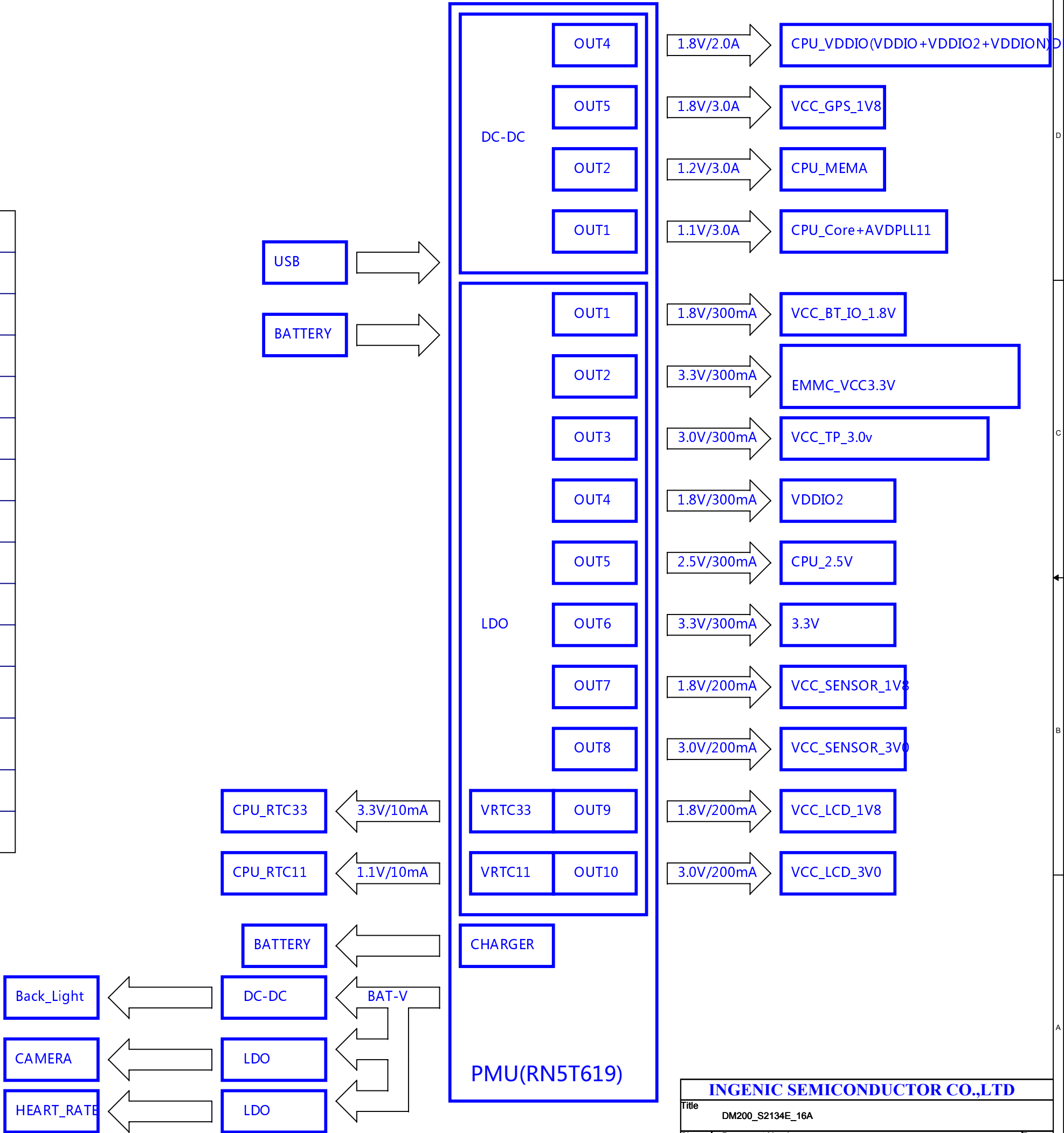
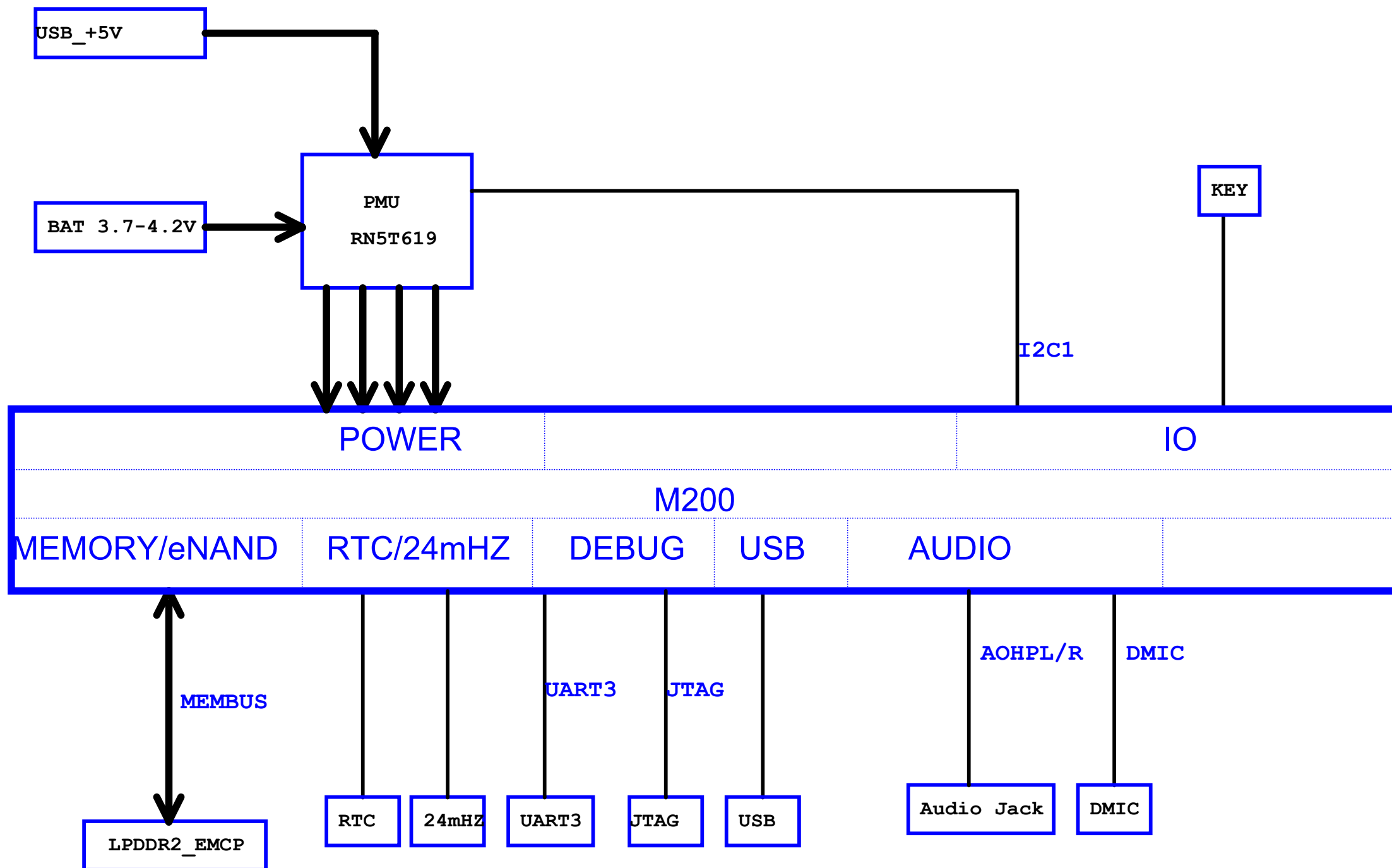
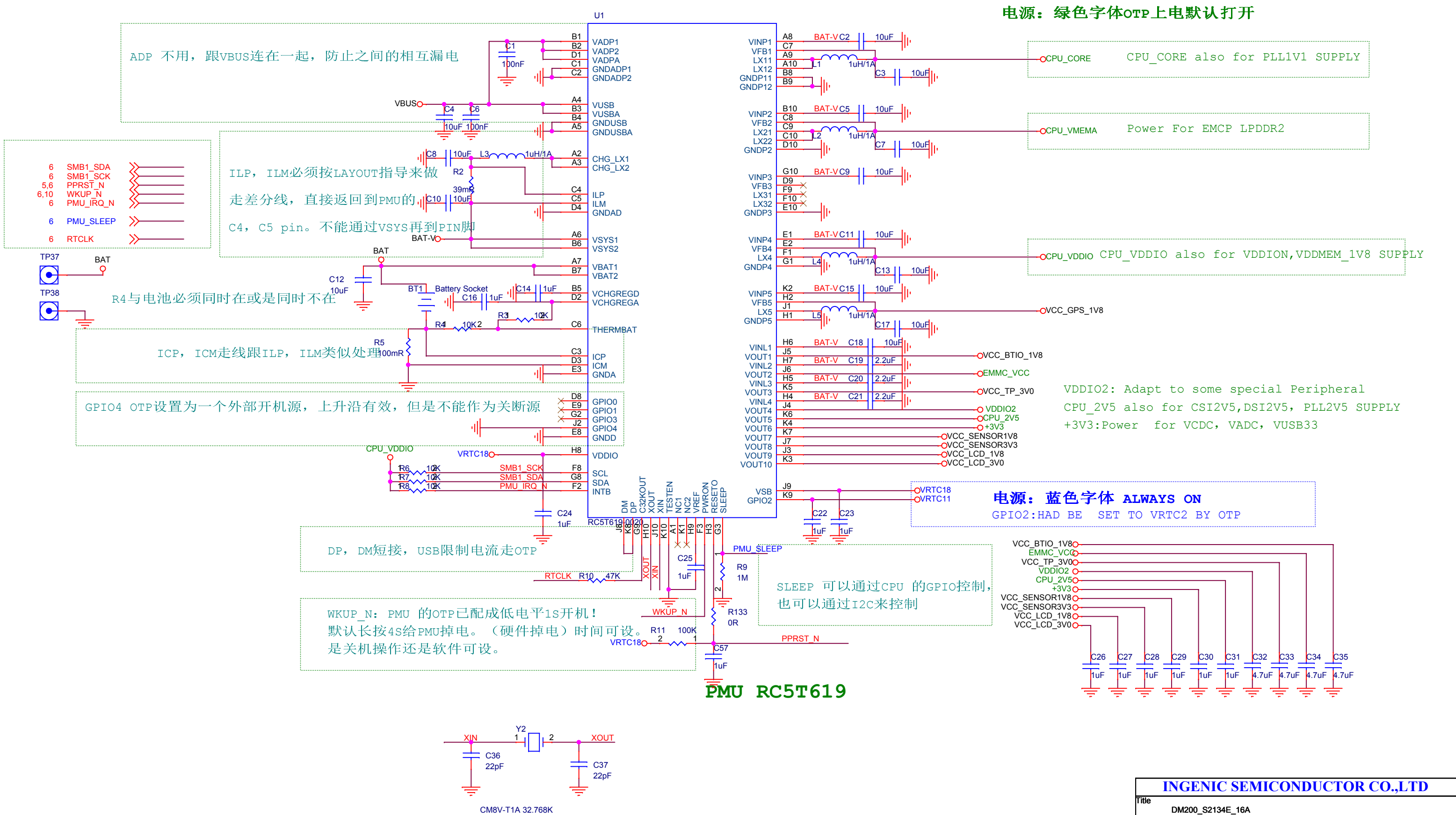


Title	Page
COVER SHEET/POWER ARCHITECTURE	1
SYSTEM ARCHITECTURE	2
PMU_RC5T619	3
CPU_PWRKEY	4
EMCP	5
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BT&WIFI	8
SENSOR/MOTOR	9
USB/INTERFACE	10
HISTORY_CHANGE	11
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电源：绿色字体OTP上电默认打开

CPU_CORE CPU_CORE also for PLL1V1 SUPPLY

CPU_VMEMA Power For EMCP LPDDR2

CPU_VDDIO CPU_VDDIO also for VDDION,VDDMEM_1V8 SUPPLY

VDDIO2: Adapt to some special Peripheral
CPU_2V5 also for CSI2V5,DSI2V5, PLL2V5 SUPPLY
+3V3:Power for VDCD, VADC, VUSB33

电源：蓝色字体 ALWAYS ON

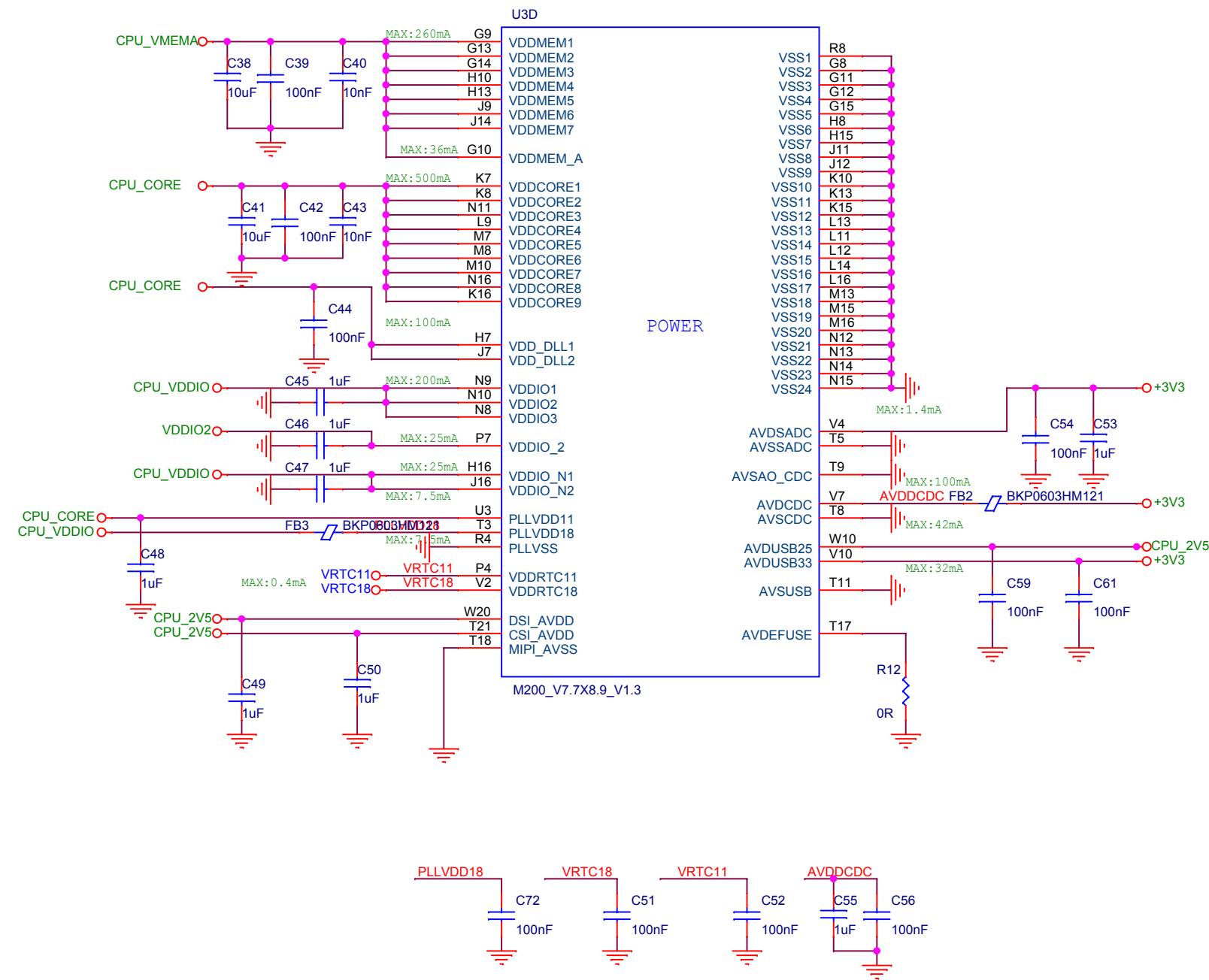
GPIO2:HAD BE SET TO VRTC2 BY OTP

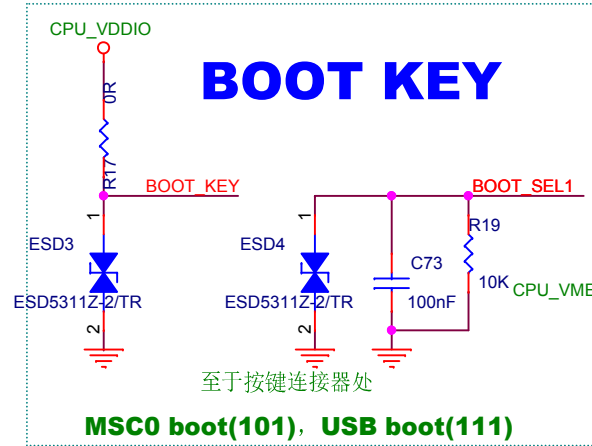
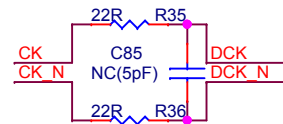
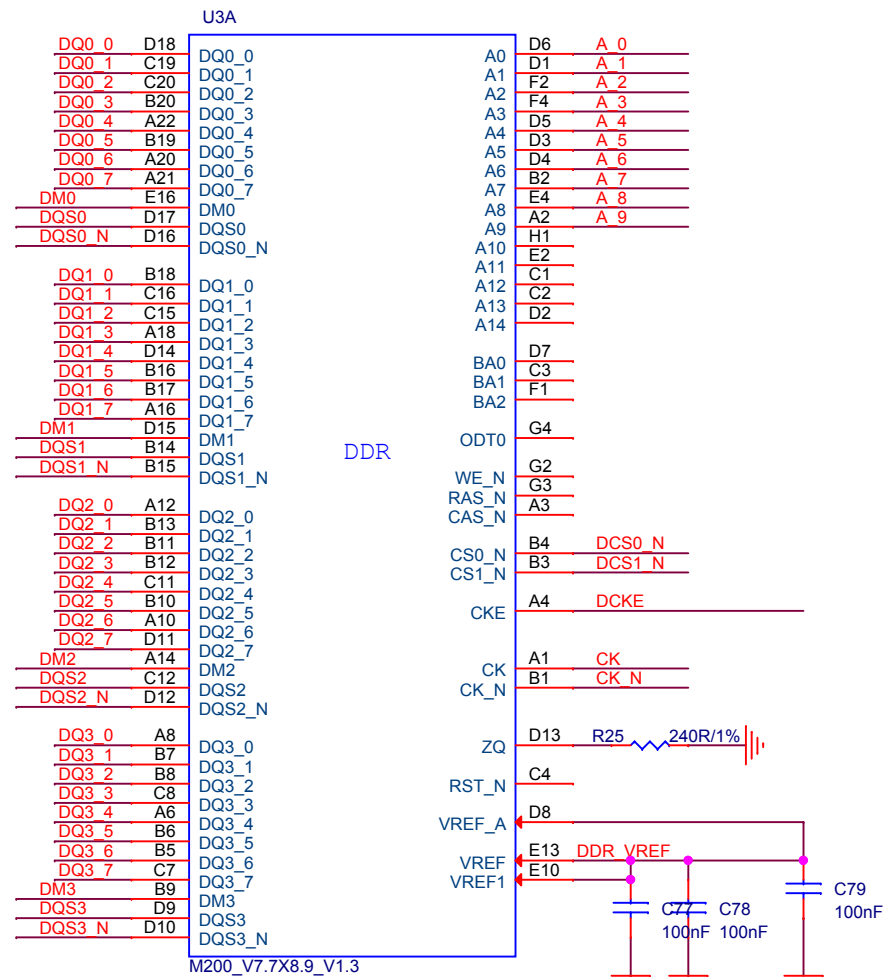
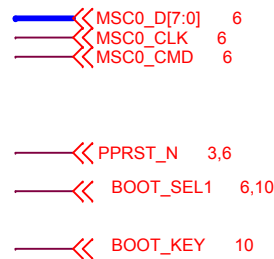
SLEEP 可以通过CPU 的GPIO控制，
也可以通过I2C来控制

WKUP_N: PMU 的OTP已配成低电平1s开机！
默认长按4S给PMU掉电。（硬件掉电）时间可设。
是关机操作还是软件可设。

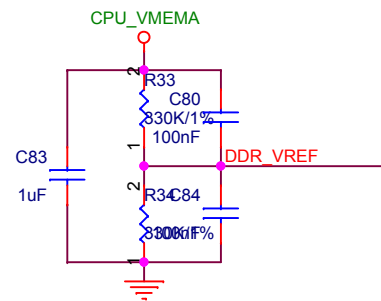
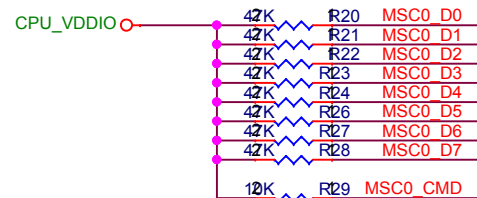
PMU RC5T619

INGENIC SEMICONDUCTOR CO.,LTD		
Title		
DM200_S2134E_16A		
Size	Document Number	Rev
A3	PMU_RC5T619	V2.0
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Sheet 3 of 11		

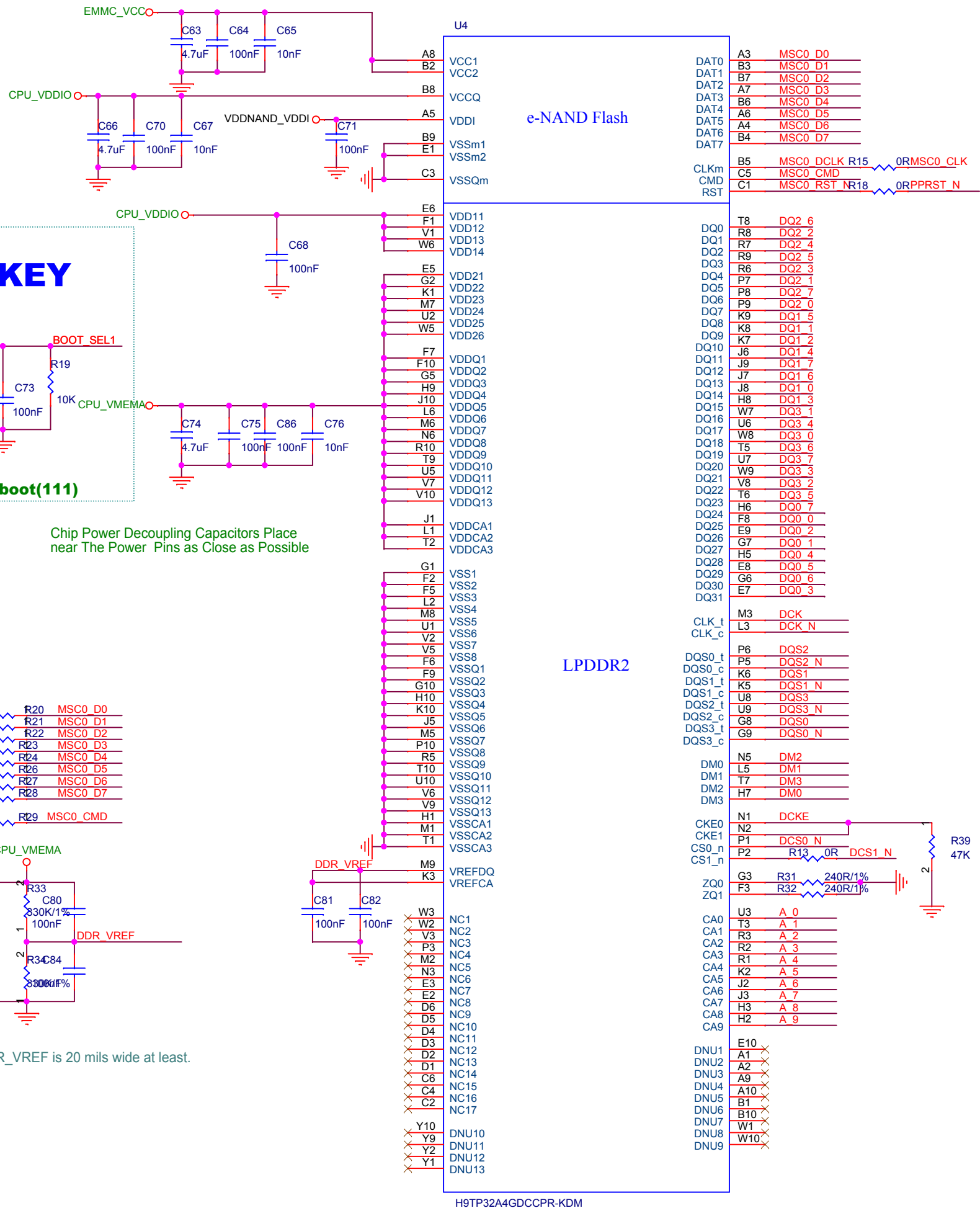




Chip Power Decoupling Capacitors Place near The Power Pins as Close as Possible

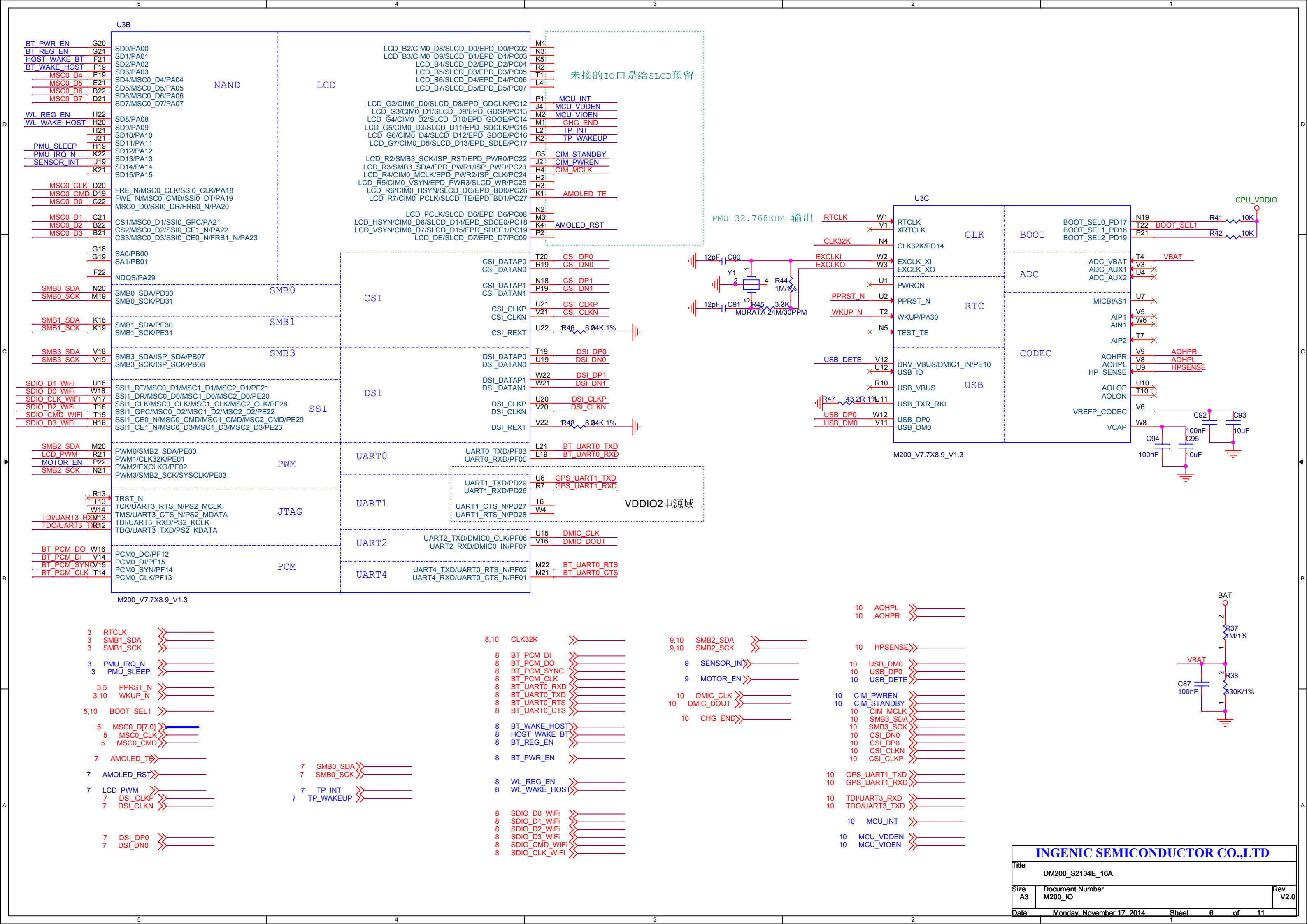


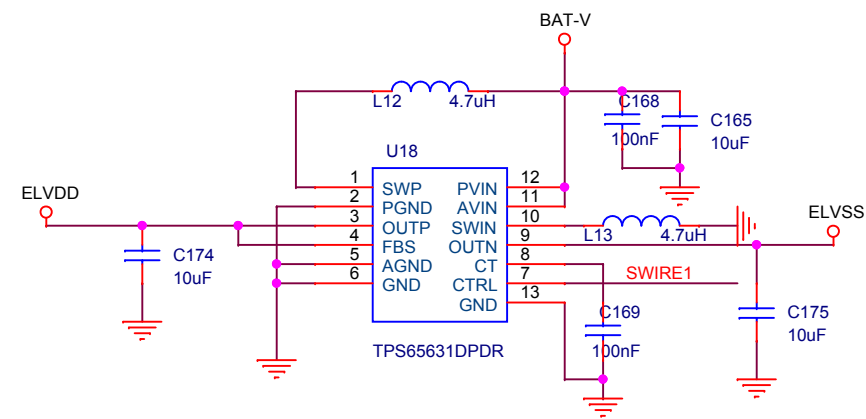
The trance DDR_VREF is 20 mils wide at least.



e-MCP

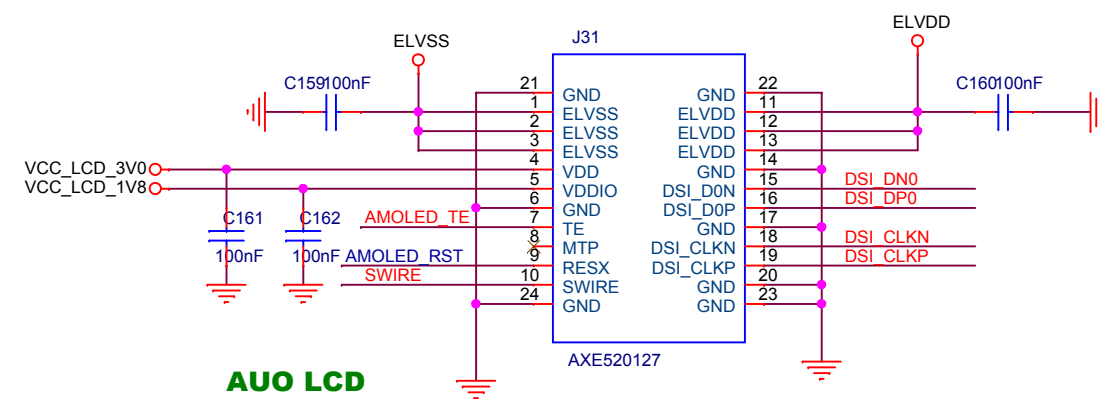
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AUO LCD R135、R134 NC , R136 0R

TFT LCD R135、R134 0R, R136 NC



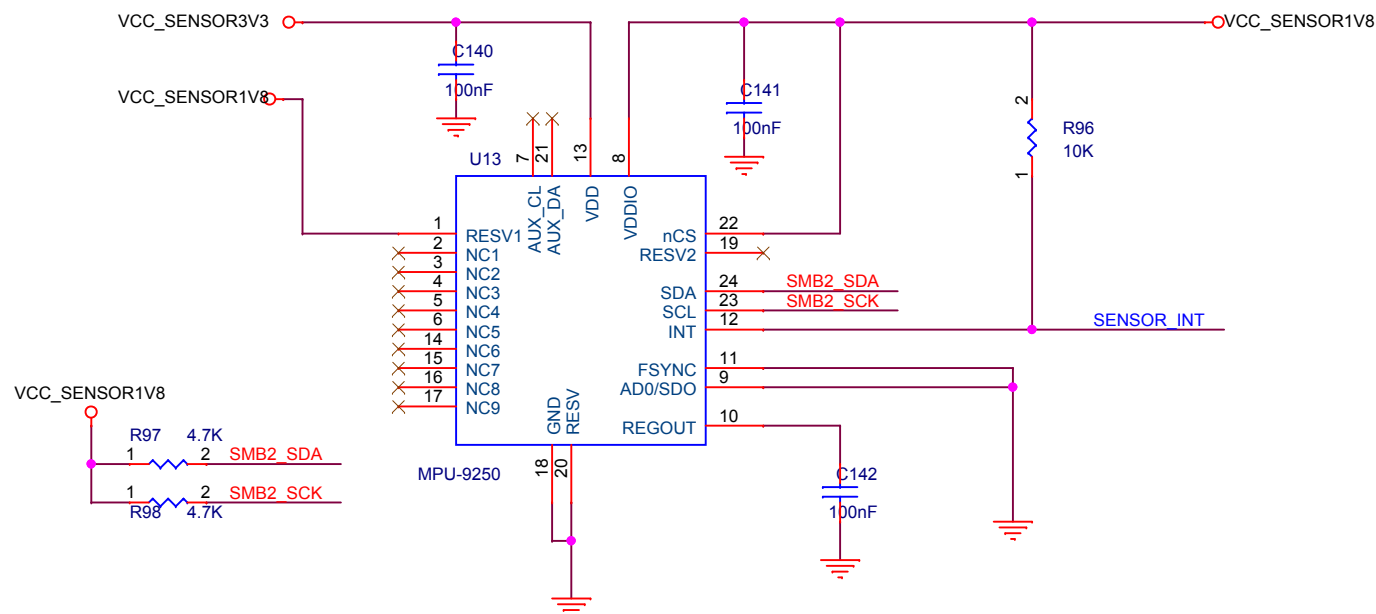
6 SENSOR_INT

6,10 SMB2_SDA

6,10 SMB2_SCK

6 MOTOR_EN

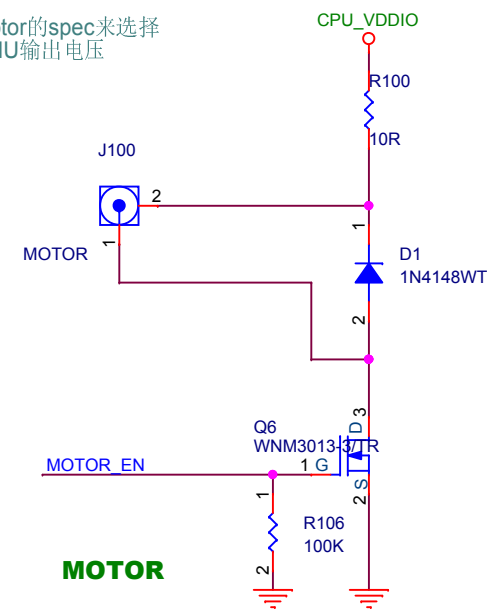
Gyroscope : 3.2mA / 8uA
Accelerometer: 450uA / 8uA
Magnetometer : 280uA / NO Parameter



GYROSCOPE+GSENSOR+COMPASS

addr : 1101000

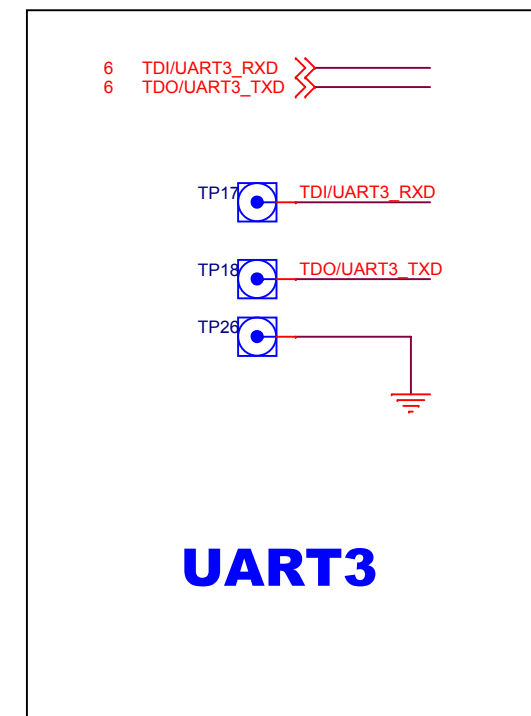
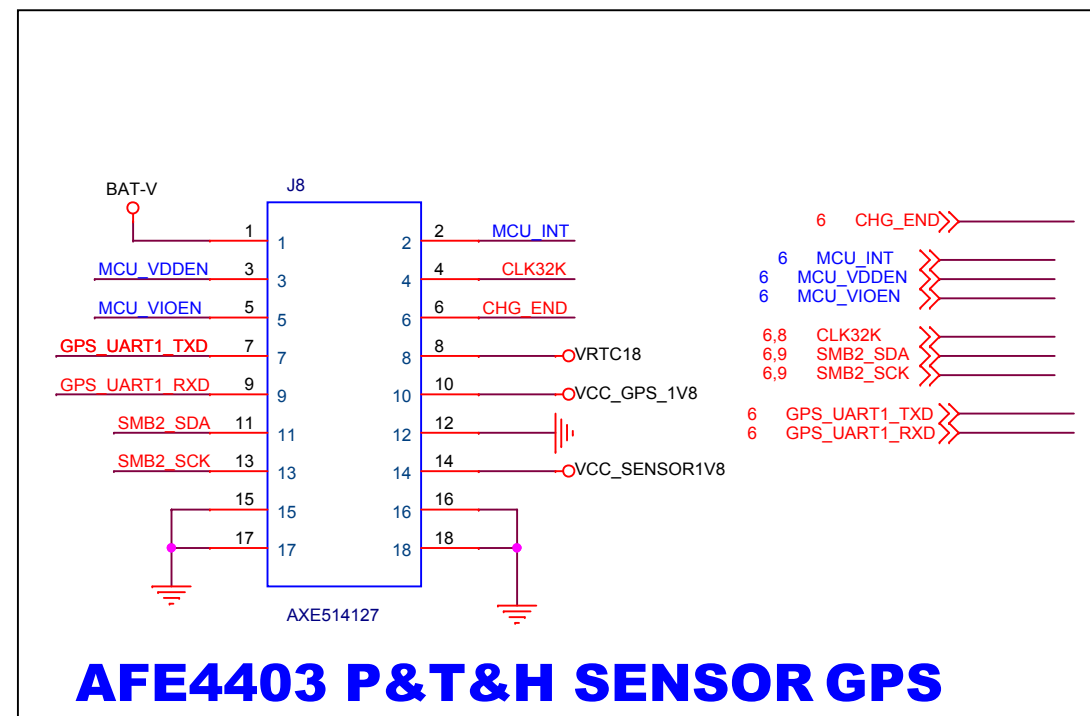
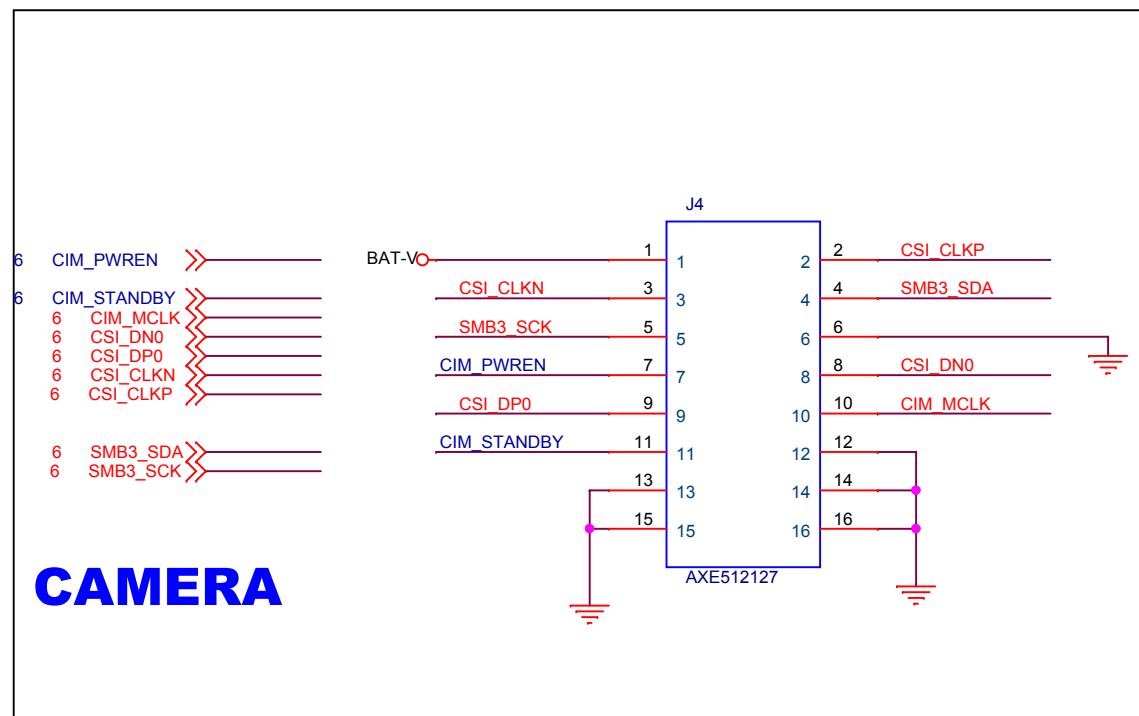
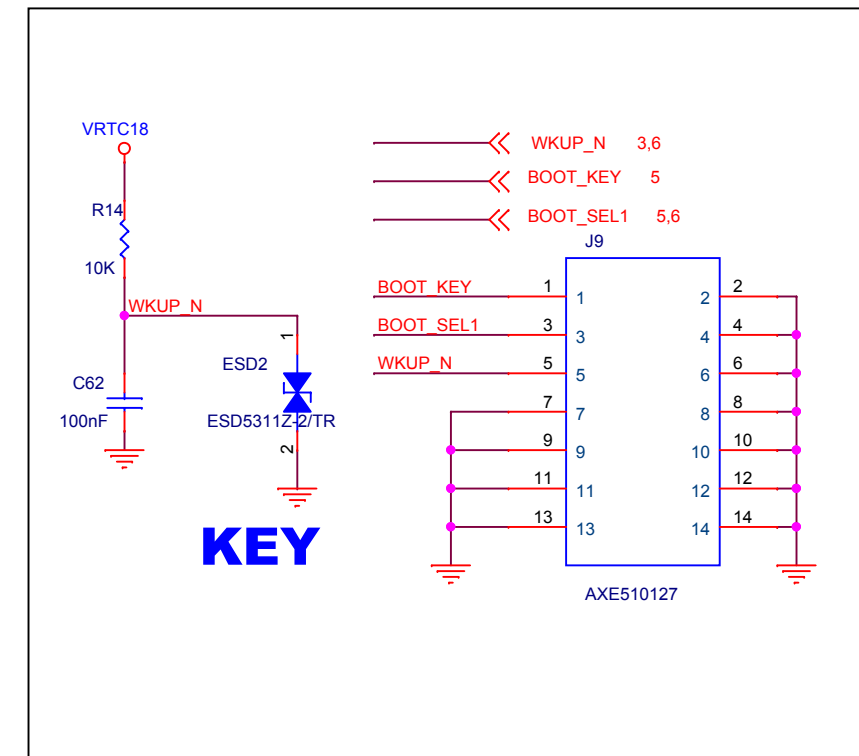
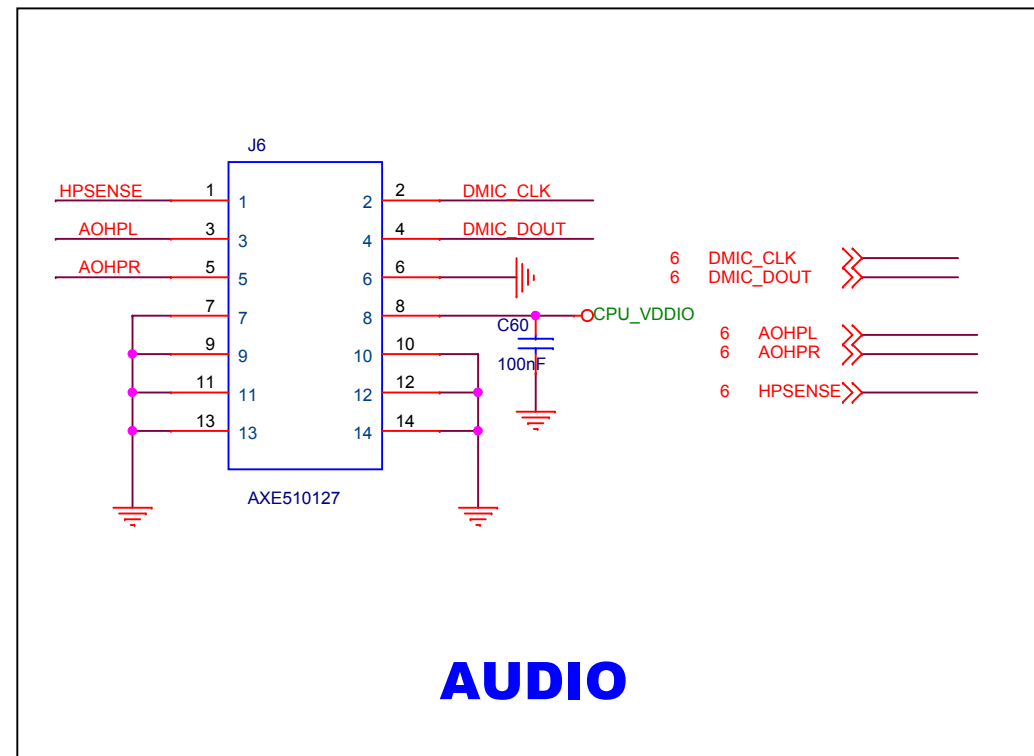
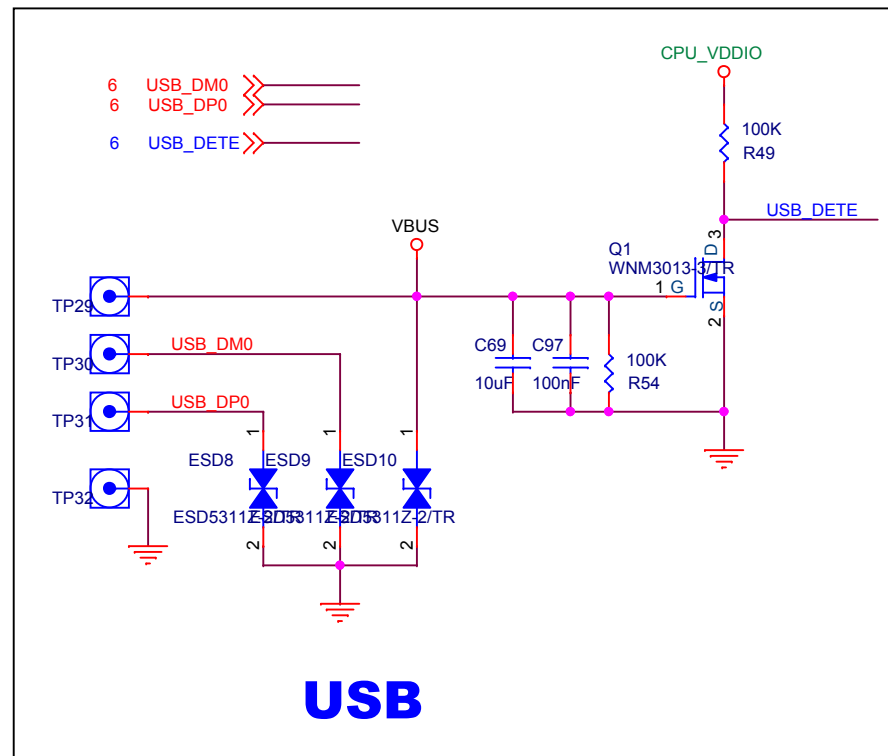
根据motor的spec来选择
合适PMU输出电压



MOTOR

INGENIC SEMICONDUCTOR CO.,LTD

Title		
DM200_S2134E_16A		
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A3	SENSOR	V2.0
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Data	Revision	Change
JULY 22 2014	Rev1.0	1. First Revision
NOV 7 2014	Rev2.0	1.PAGE03 增加C51， R9改为1M， R10改为47K,R2改为39mR， VBUS、 VADP连在一起 2.PAGE06、 PAGE10 增加CHG_END网络 3.PAGE08 Y5改为2016封装FB都改为0201封装 4.PAGE03 去掉R1 5.PAGE07 增加R134， R135， R136， 增加LCD_PWM网络来兼容TFT的LCD 6.PAGE06 C90， C91改为12pF