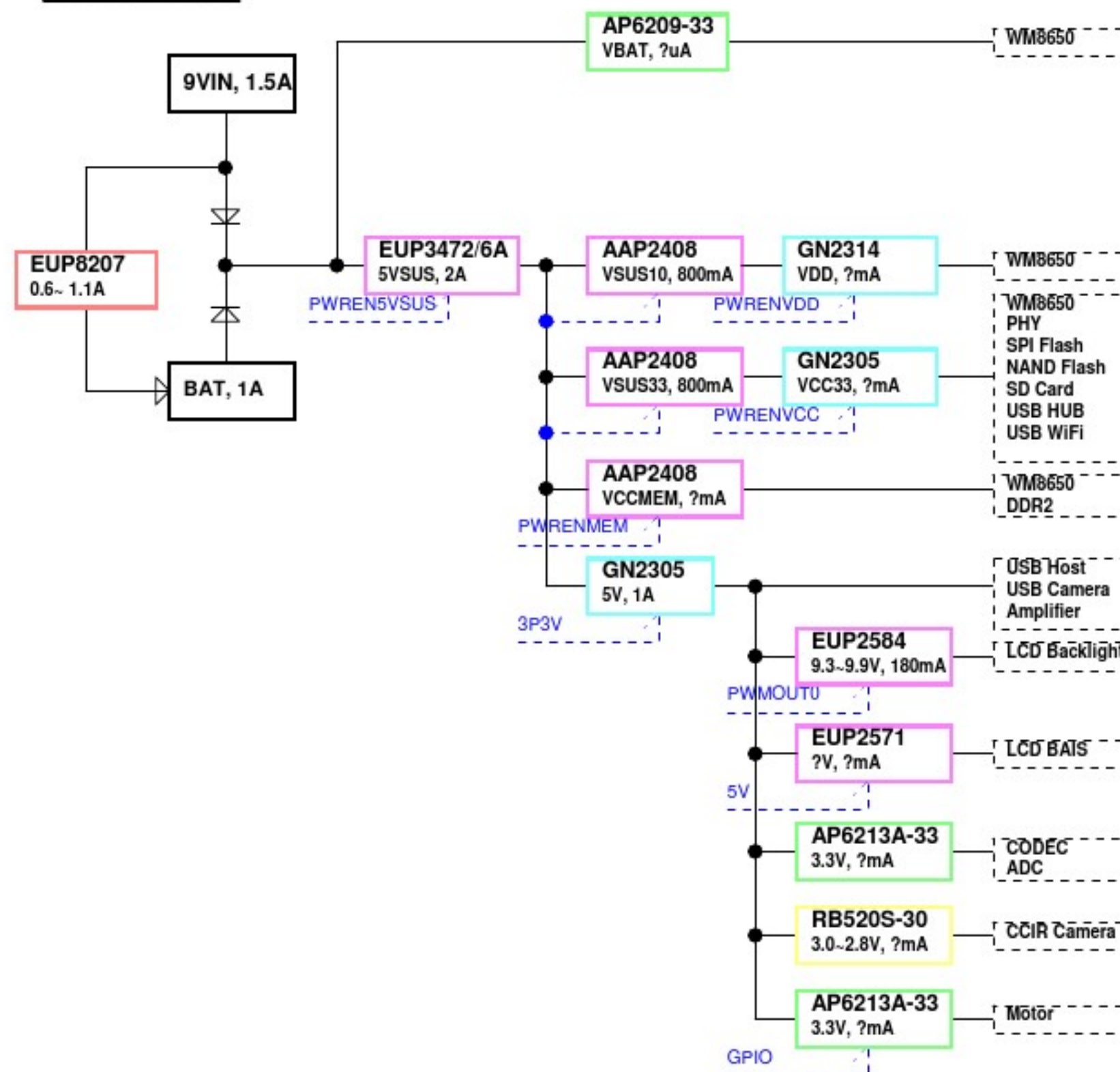


Power Tree:



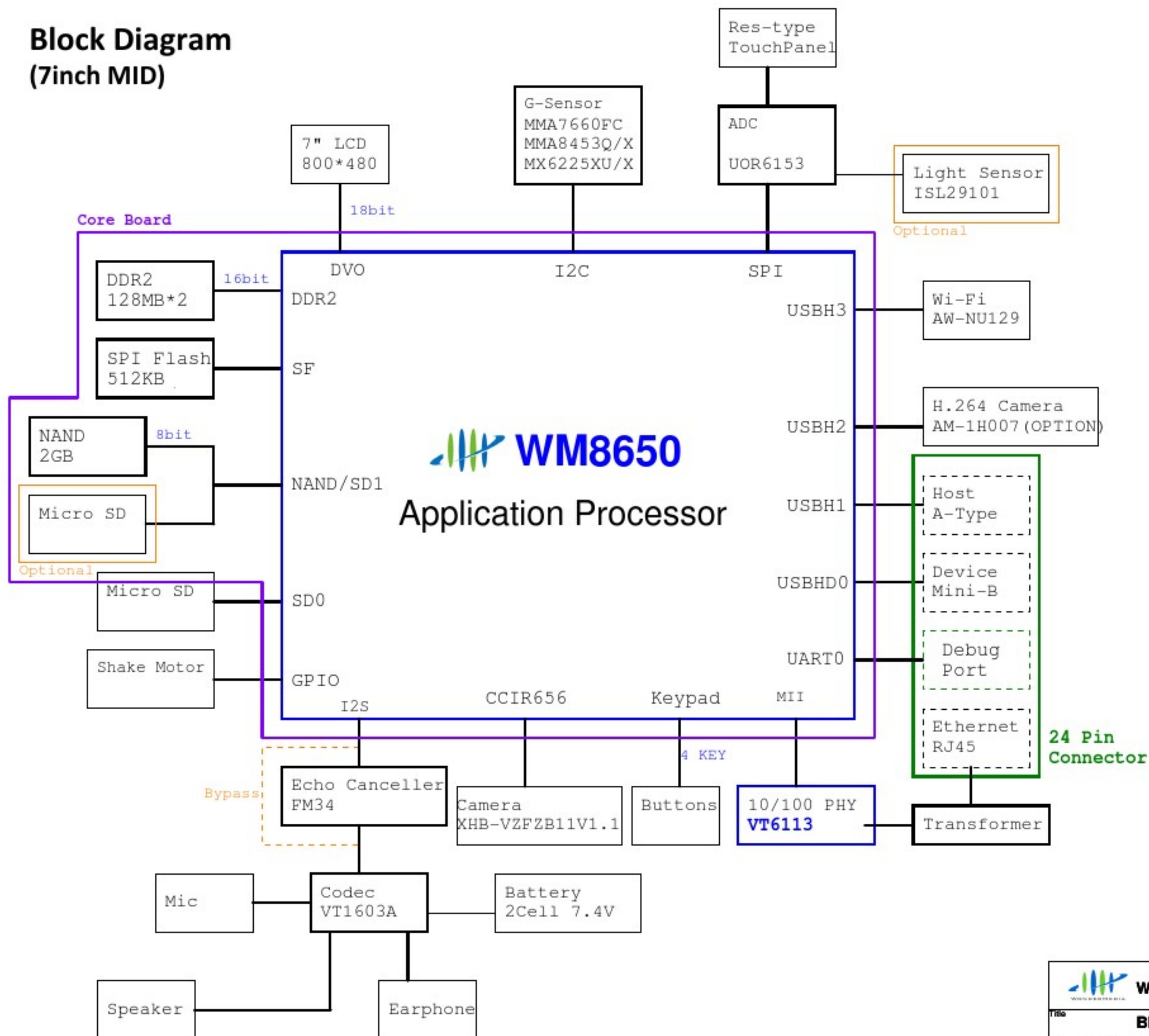
配合模具: 宽格 PC802

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Illustration:

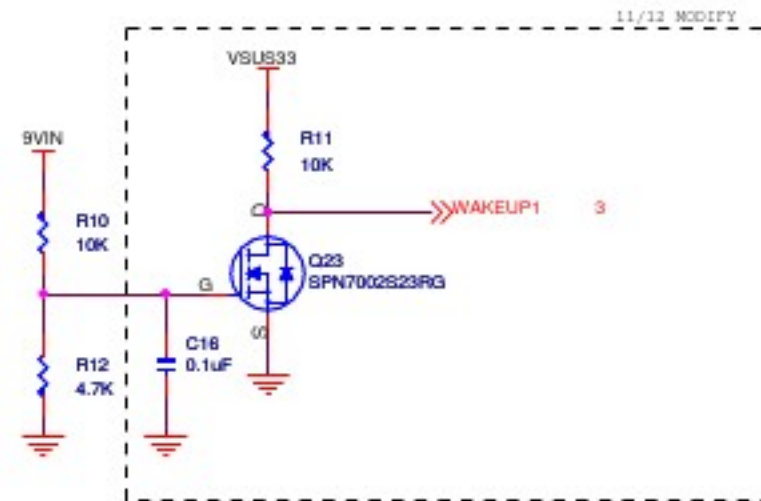
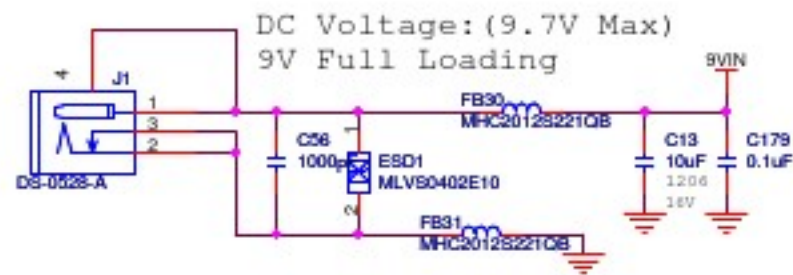


Block Diagram (7inch MID)

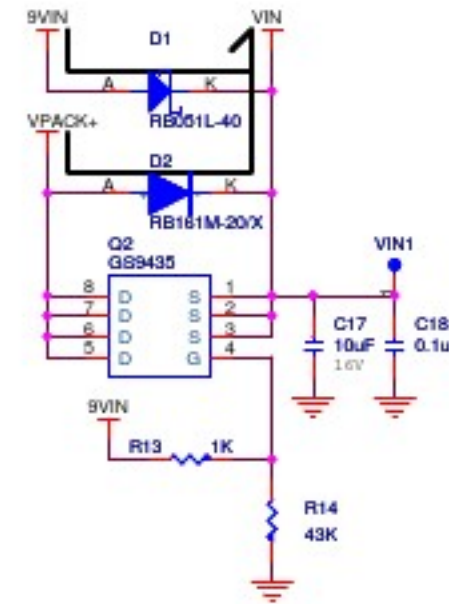


DC-IN and Battery

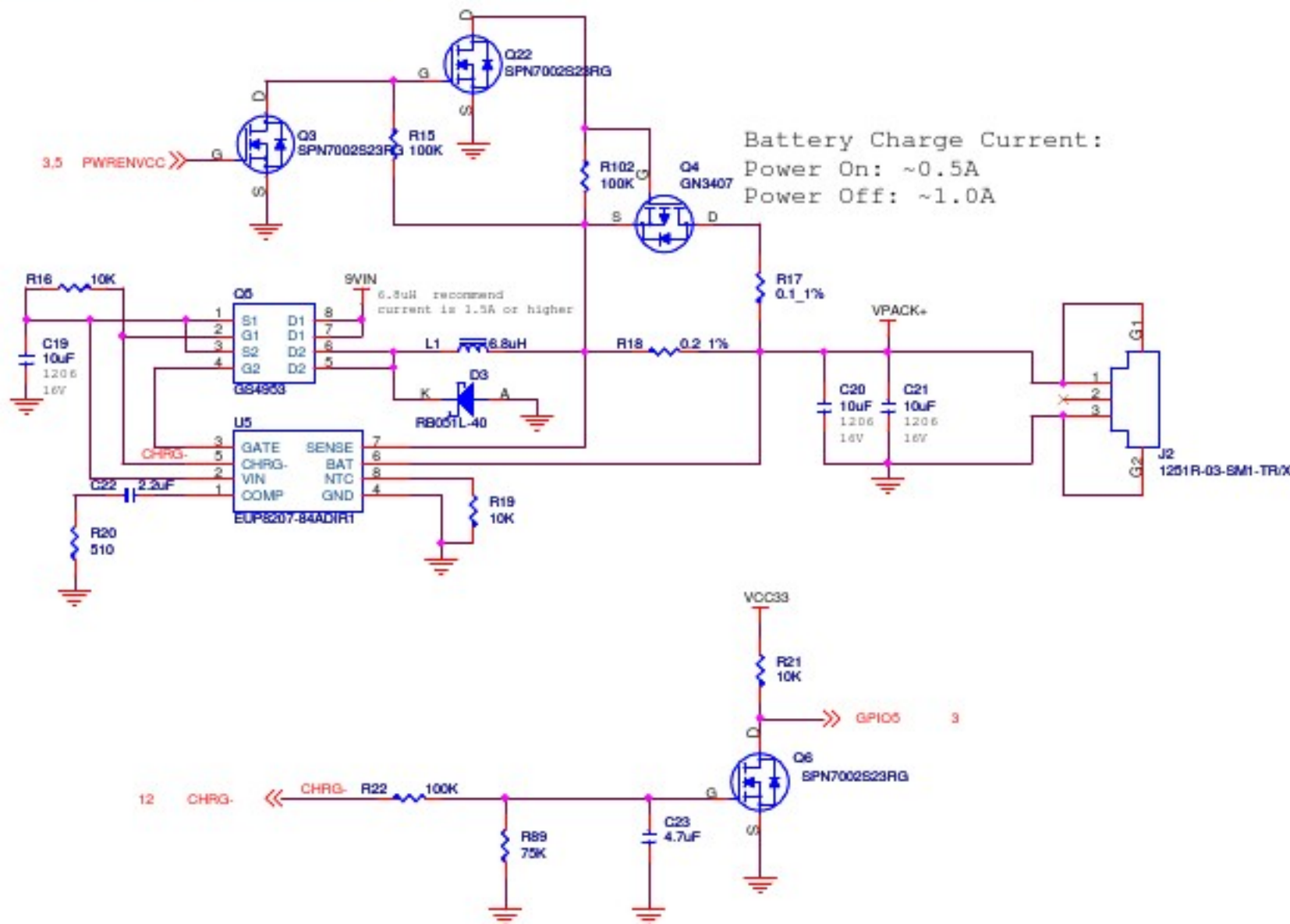
9V DC Input 1.5A



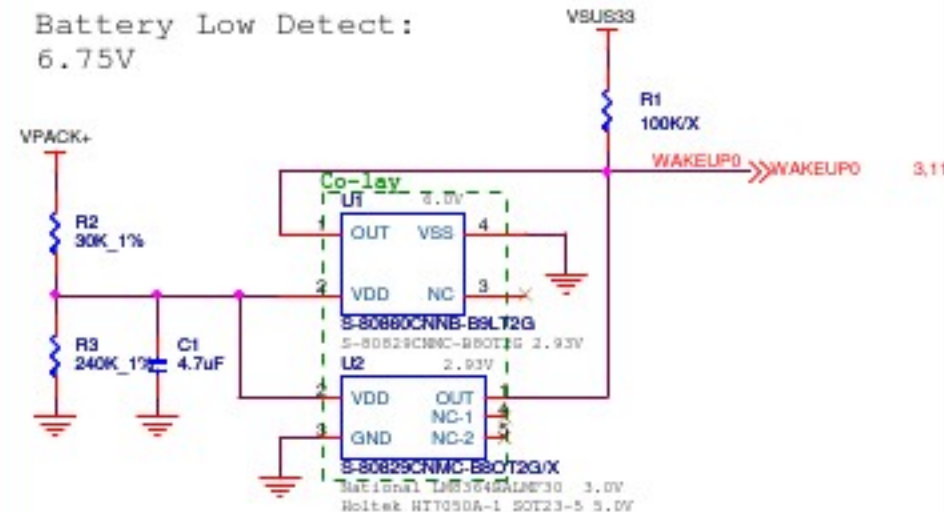
DC Switch



Battery charger 2-Cell



Battery Low Detect:
6.75V



Replacement:

IC	R2	R3	
5.0V	30K	84.5K	6.78V
2.93V	47K	35.7K	6.79V
3.0V	47K	37.4K	6.77V



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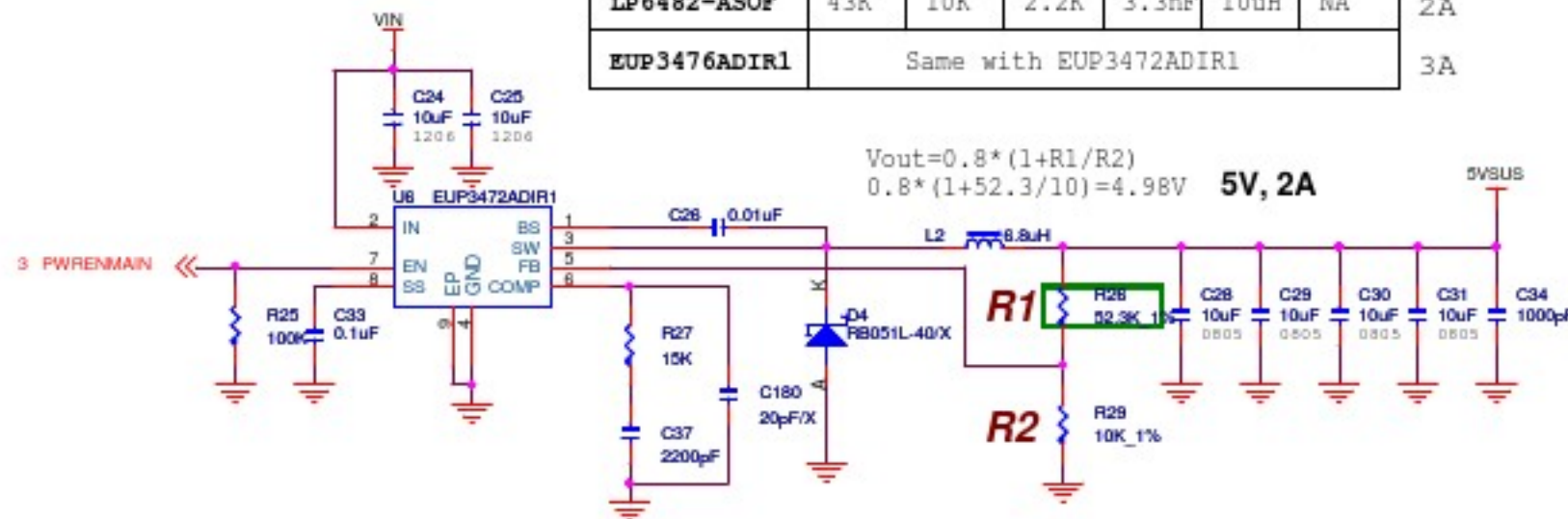
DC-IN and Battery

Voltage Regulators

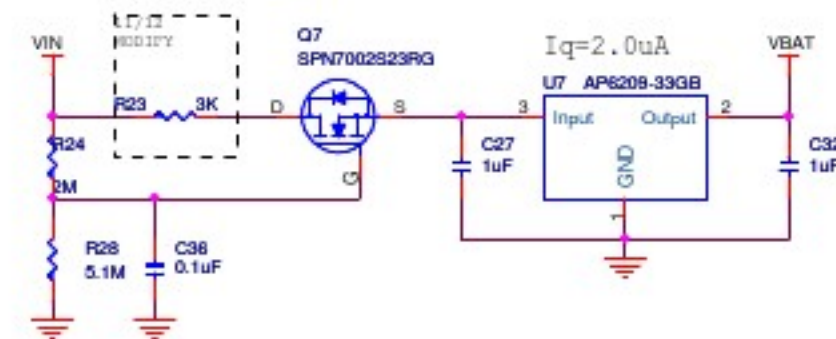
VIN->5VSUS, 2A

Replacement:

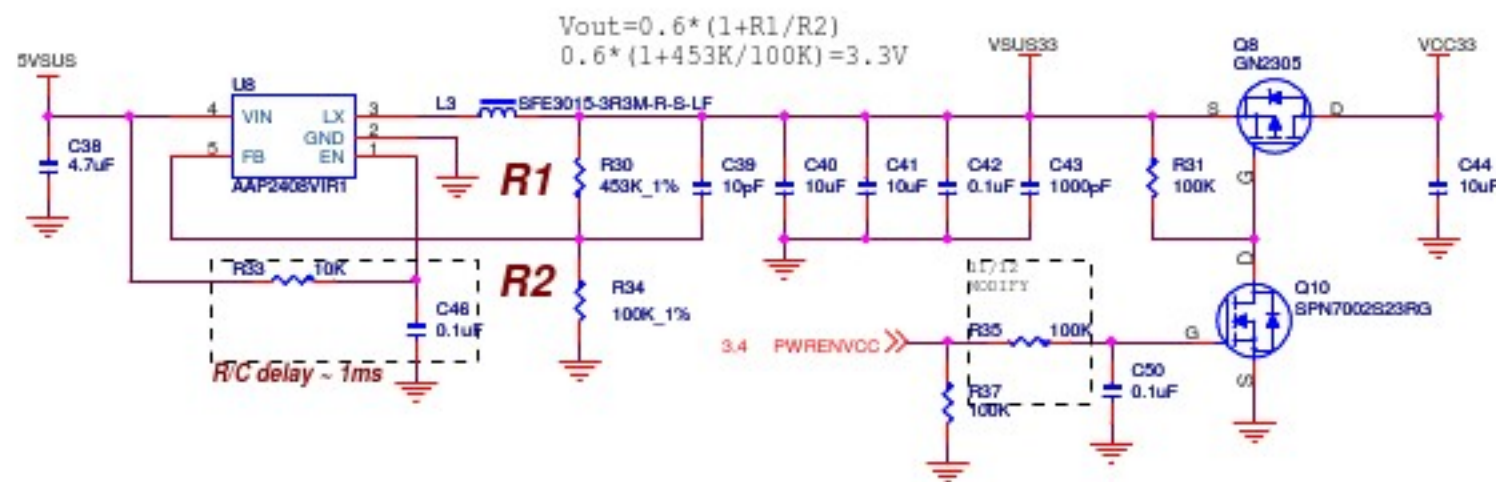
U6	R26	R29	R27	C37	L2	D4	
RT8272GSP	43K	10K	41K	2.2nF	6.8uH	Yes	3A
LP6482-ASOF	43K	10K	2.2K	3.3nF	10uH	NA	2A
EUP3476ADIR1	Same with EUP3472ADIR1						3A



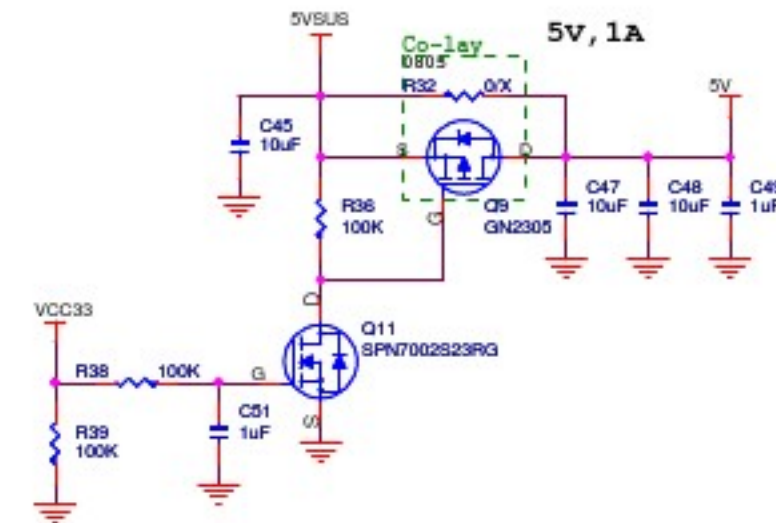
VIN->VCCBAT 3.3V 10uA



5VSUS->3.3V 800mA



5VSUS->5V, 1A

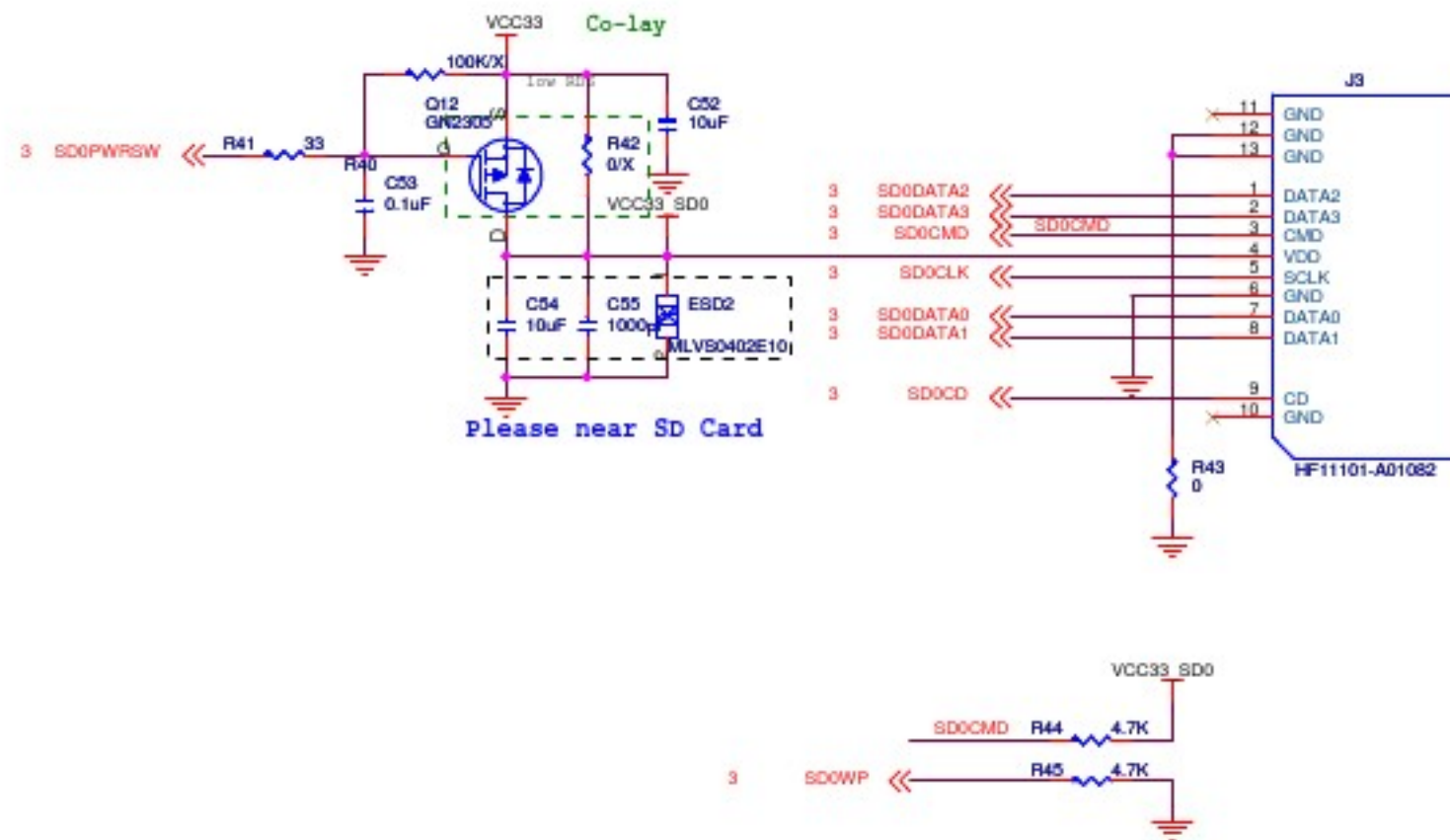


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Voltage Regulators

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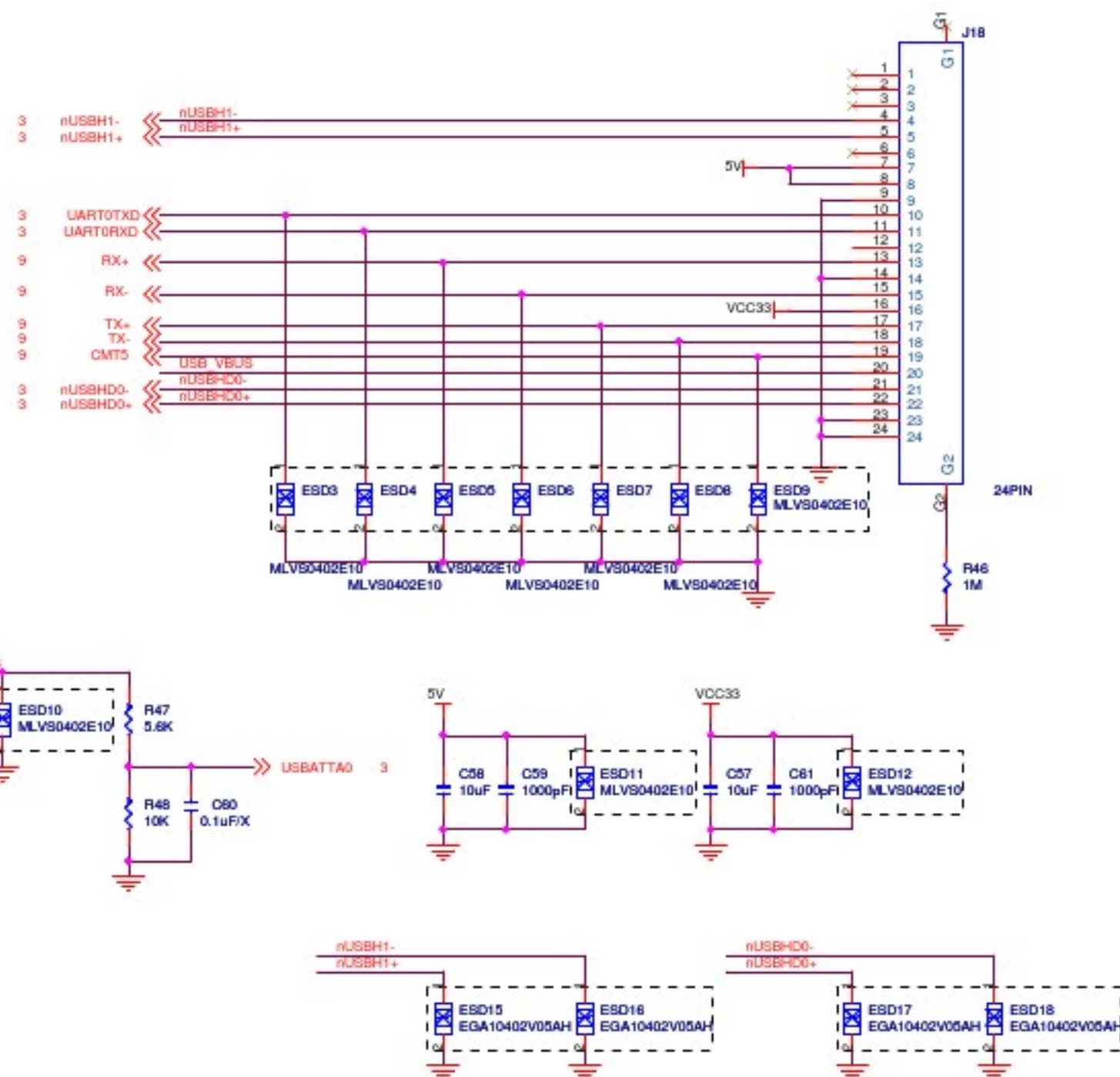
MicroSD Socket



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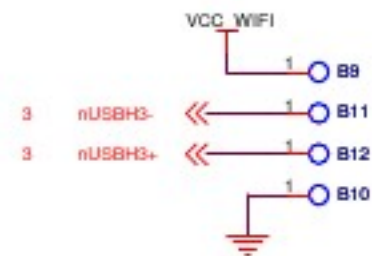
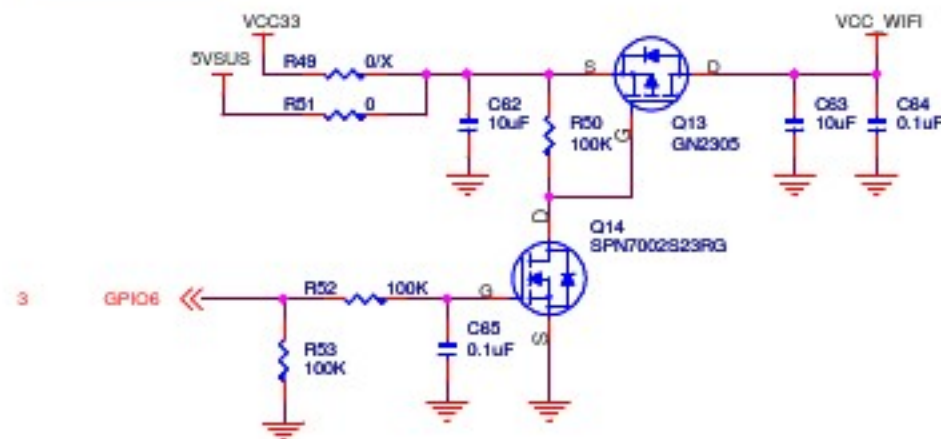
30pin CONN



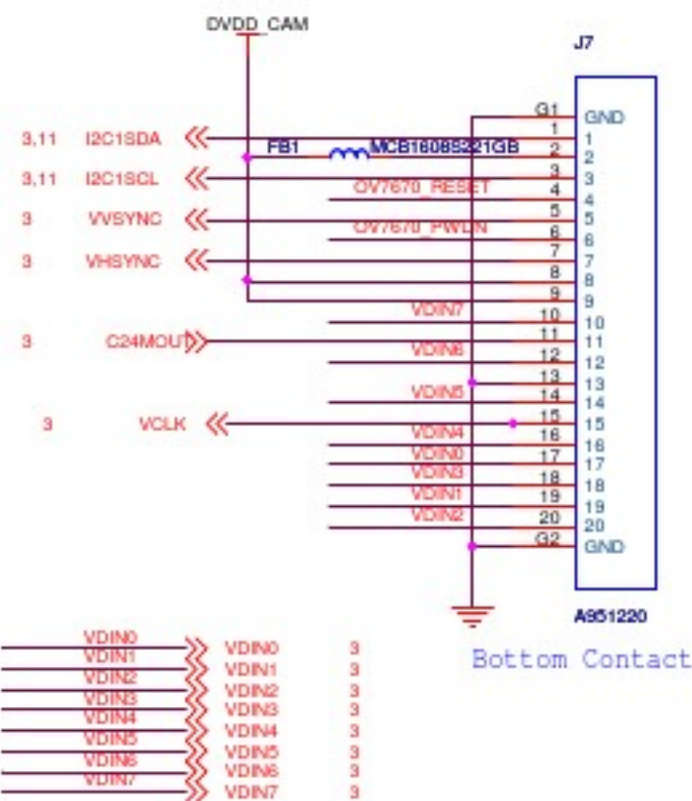
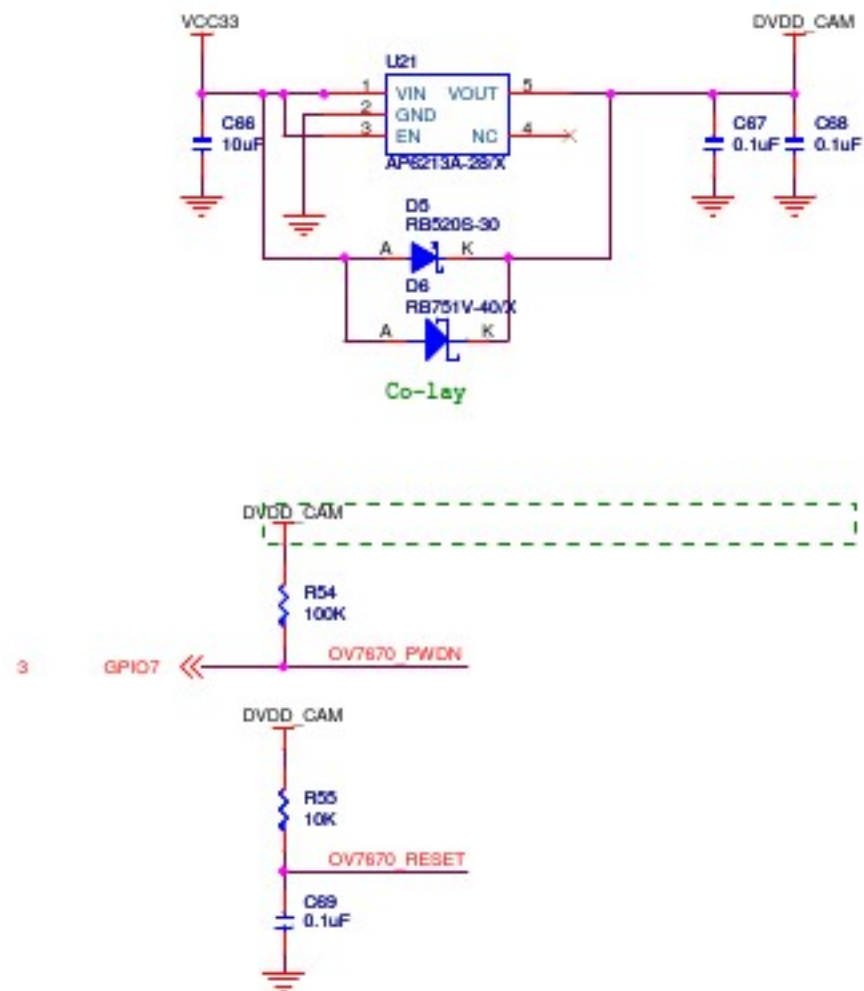
Notice: All ESD components place near 24pin connector.

USB WiFi/CCIR Camera

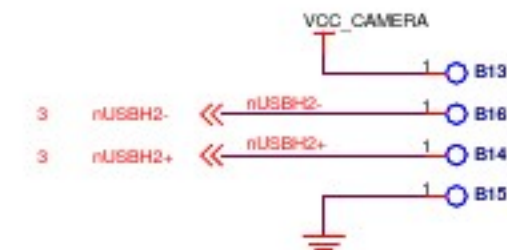
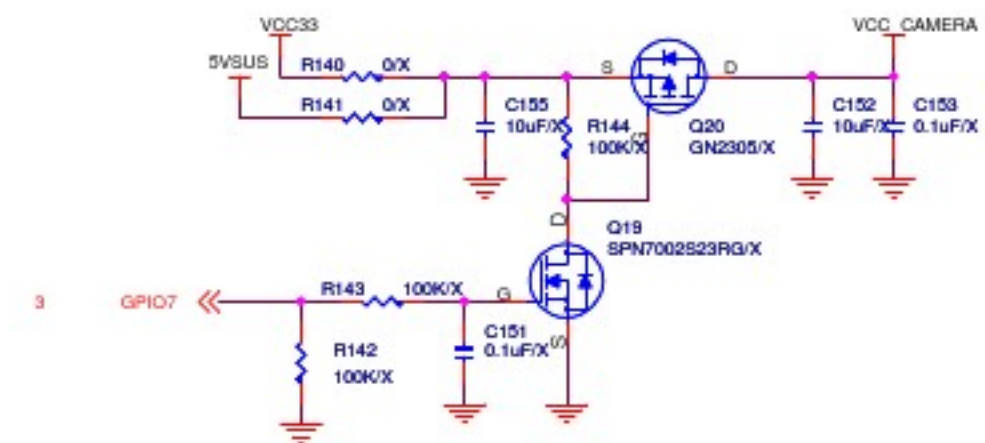
USB WiFi



CCIR656 Camera

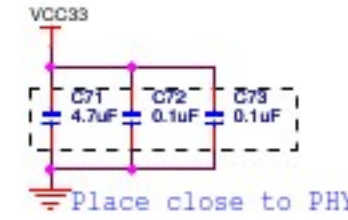
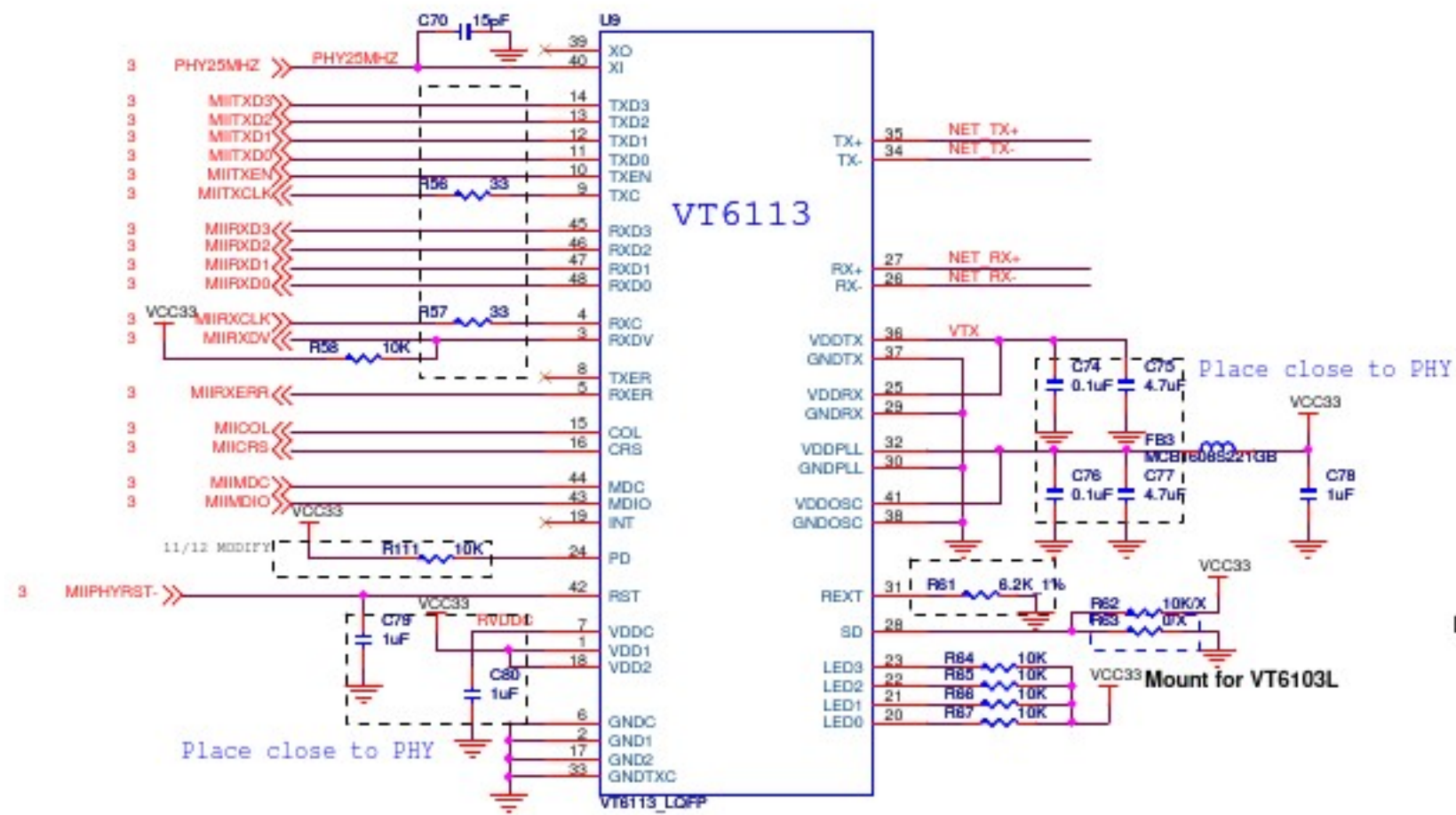


USB CAMERA



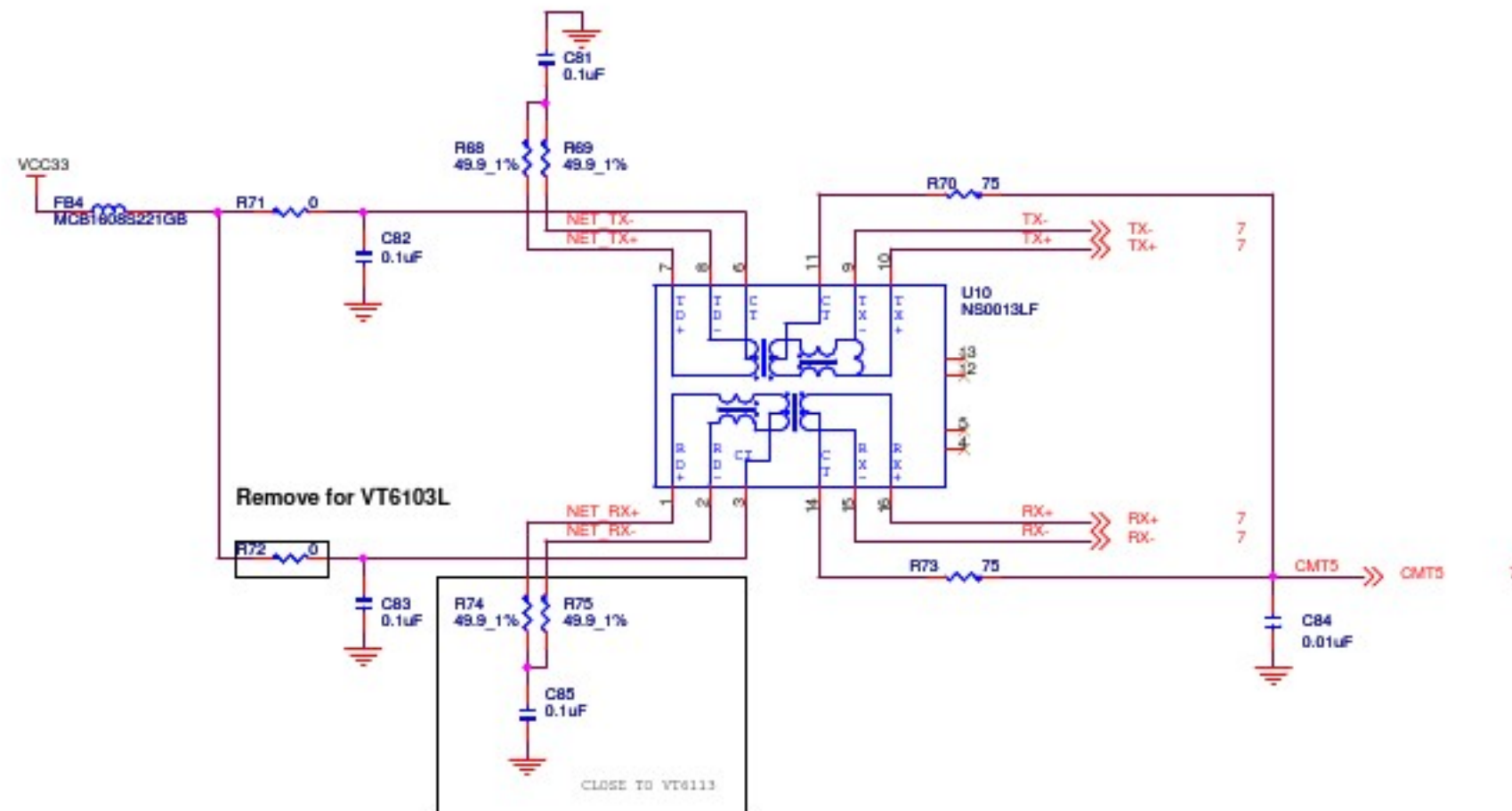
H.264 USB camera for skype
DEFAULT IS CCIR656 Camera

Ethernet PHY

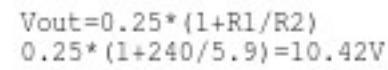


Default

	R61	R59	R63	R62	R72
VT6113	5.2K	Remove	Remove	Remove	Mount
VT6103X	5.49K	Mount	Remove	Mount	Mount
VT6103L	5.49K	Mount	Mount	Remove	Remove



Bottom Contact
Place TOP Layer

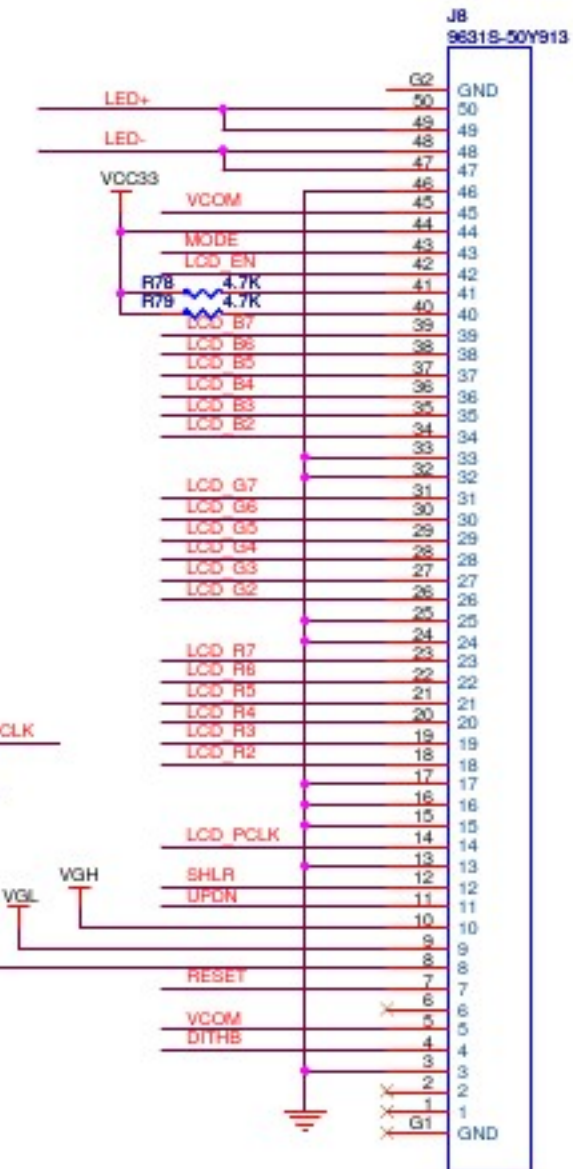


3 VDOUT4 LCD B4
3 VDOUT5 LCD B5
3 VDOUT6 LCD B6
3 VDOUT7 LCD B7
3 VDOUT14 LCD G6
3 VDOUT15 LCD G7
3 VDOUT2 LCD B2
3 VDOUT3 LCD B3
3 VDOUT10 LCD G2
3 VDOUT11 LCD G3
3 VDOUT12 LCD G4
3 VDOUT13 LCD G5
3 VDOUT20 LCD R4
3 VDOUT21 LCD R5
3 VDOUT22 LCD R6
3 VDOUT23 LCD R7

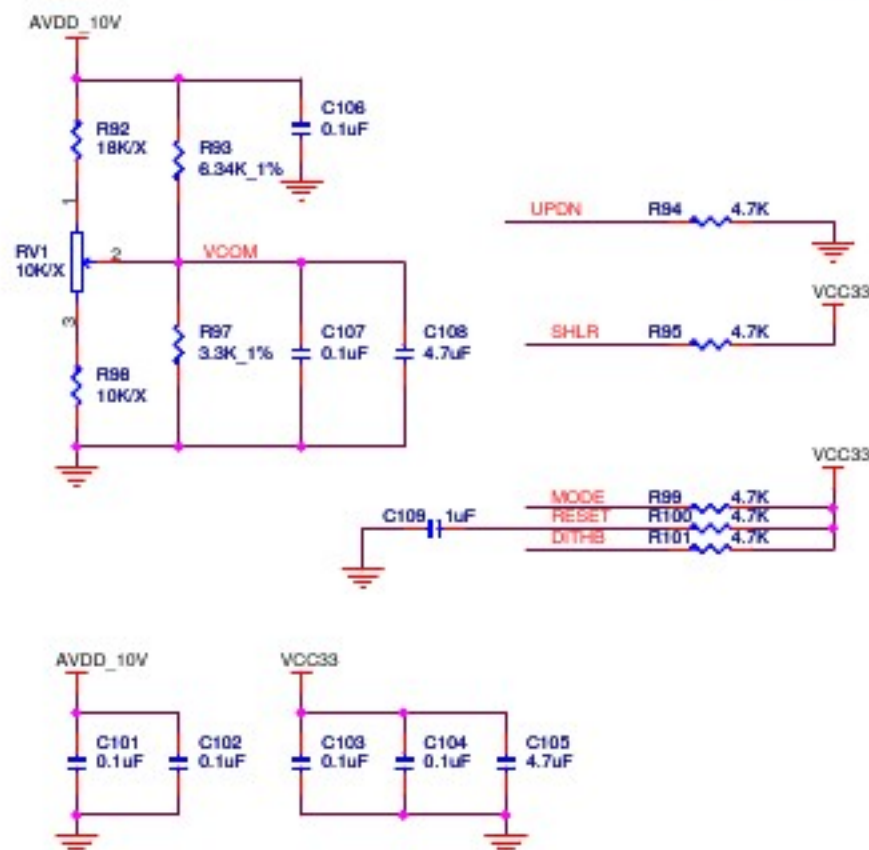
3 VDOUT18 LCD R2
3 VDOUT19 LCD R3

3 VDDEN LCD EN


3 VDCLK R87 0 LCD

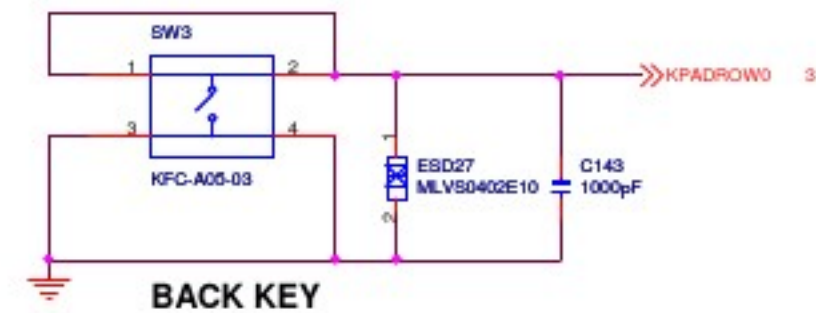
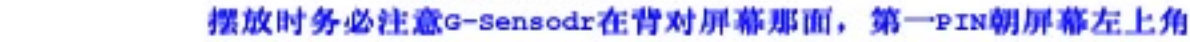


U12	R146	R145
AME5142AEEY	1.6	1.6
RT9293B-20GJ6		

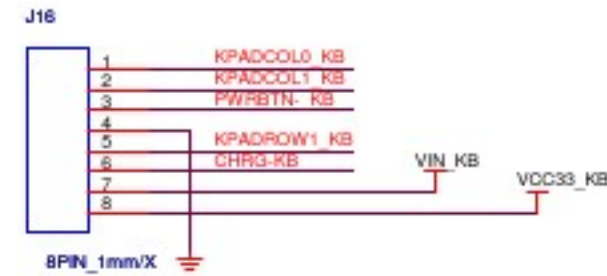


VT1603A	Mount: R22, R9 OR; Unmount: R23, R18, R25
VT1609A	Mount: R23, R18, R25 OR; Unmount: R22, R9

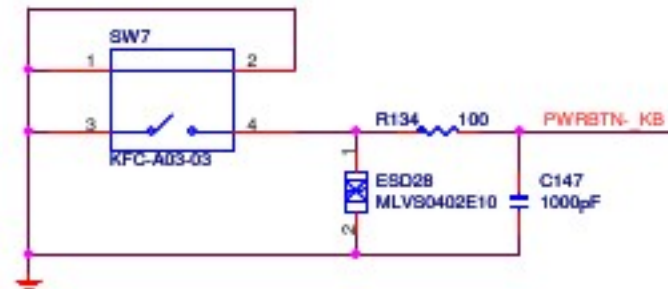
 WonderMedia Technologies, Inc. <small>WONDERMEDIA.COM</small>	
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AC97 CODEC	
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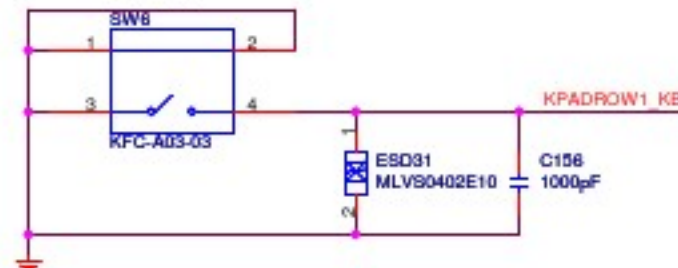
Keypad board



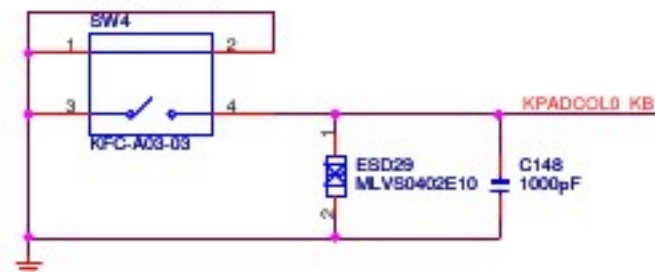
Power Button



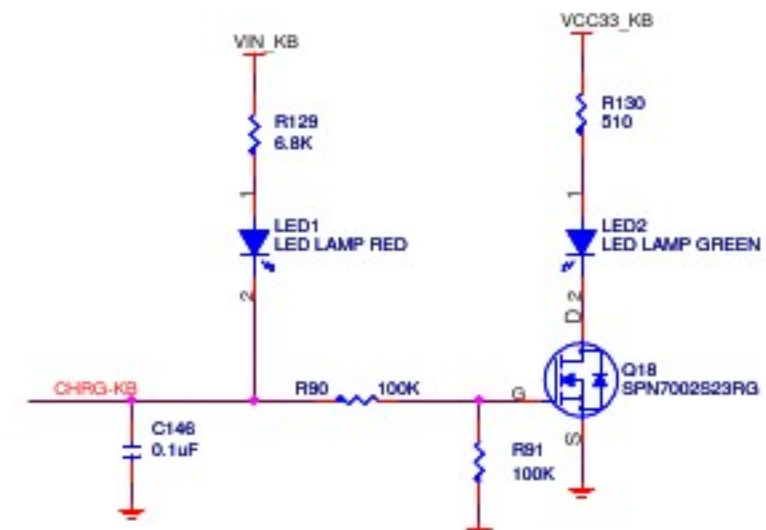
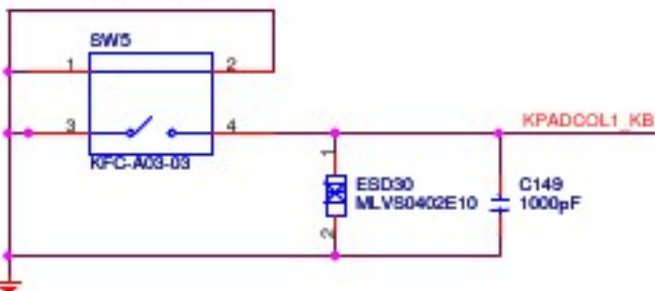
MENU



Volume +



Volume -



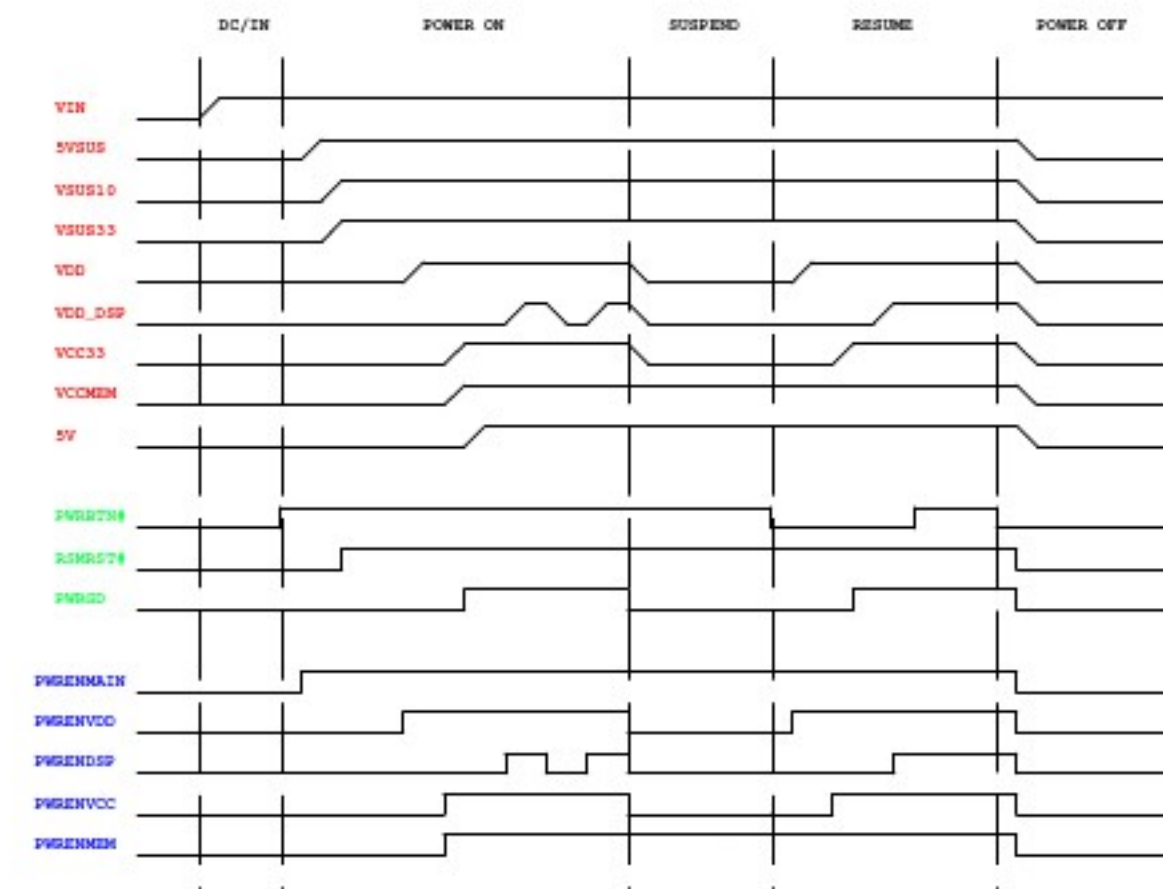
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Title		
Keypad Board		
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Version History

Version	Modify Content	Responsibility	Date
WMS8125A	Initial released.	Xindi Chen	2010/9/21
WMS8125A1	1: U24 DUAL POINT TOUCH IC change to U008153(U22); 2: CS7146 PIN 13 REF VOLTAGE CHANGE TO 3.3V, 3: ADD RSMRST RESET SWITCH : SW1 4: ADD Q23, ISOLATE 9VIN and wakeup, reduce the leakage current 5: R23 change to 1.5k, CORRECT VBAT value 6: R35 change to 75k, CORRECT PWRMAIN SIGNAL QUALITY 7: ADD R111,PULL UP VT6113 PD PIN , 118: CHANGE MUTE CIRCUIT,	Xindi Chen	2010/11/12
WMS8125A2	1: ADD C156 IN BATTERY, FOR COUPLED ISSUE 2: RS 100K CHANGE TO 09M ,CS7146 INT(GPI02) Change to GPI00	Xindi Chen	
WMS8125A3	1: ADD R109 100K FOR RESET- BOOT STATUS 2: NC R1 100K,internal pull high 3:R96 100K CHANGE TO 10K 4:R35 75K CHANGE TO 100K 5:NC C6 C7 C8 C12 6:NC Light sensor U23,R139 7:NC R1 100K 8:NC USB CAMERA circuit NC C155 C152 C153 C151 R143 R144 Q19 ,Q20	Xindi Chen	2010/12/10
WMS8125B	1: DEL 7146 AND LIGHT SENSOR CIRCUIT 111: CHANGE WMS900 TO VT1603A		

Power Sequence:



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