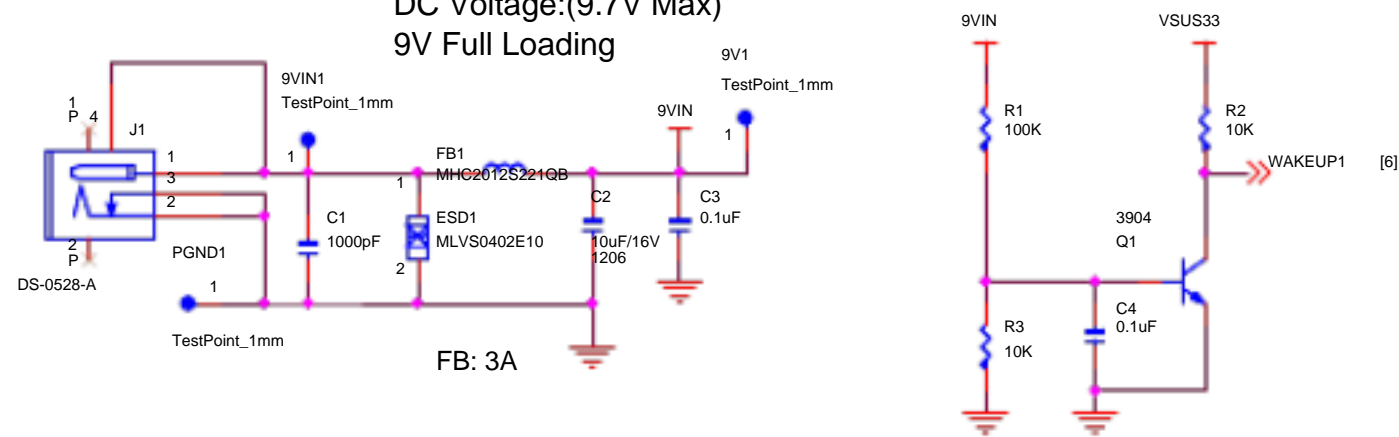


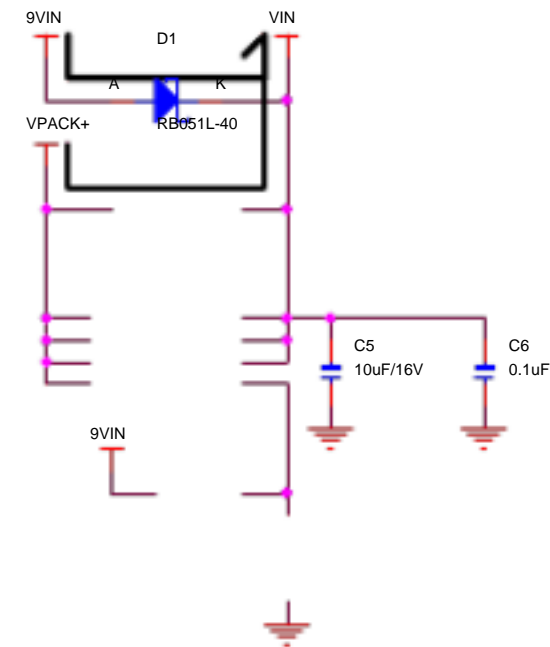
DC-IN and Battery

9V DC Input 1.5A

DC Voltage:(9.7V Max)
9V Full Loading

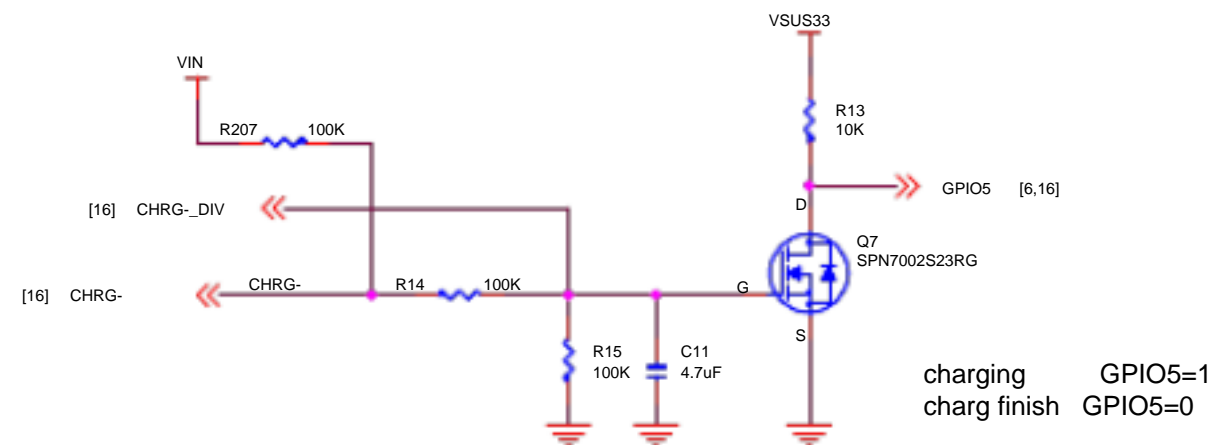
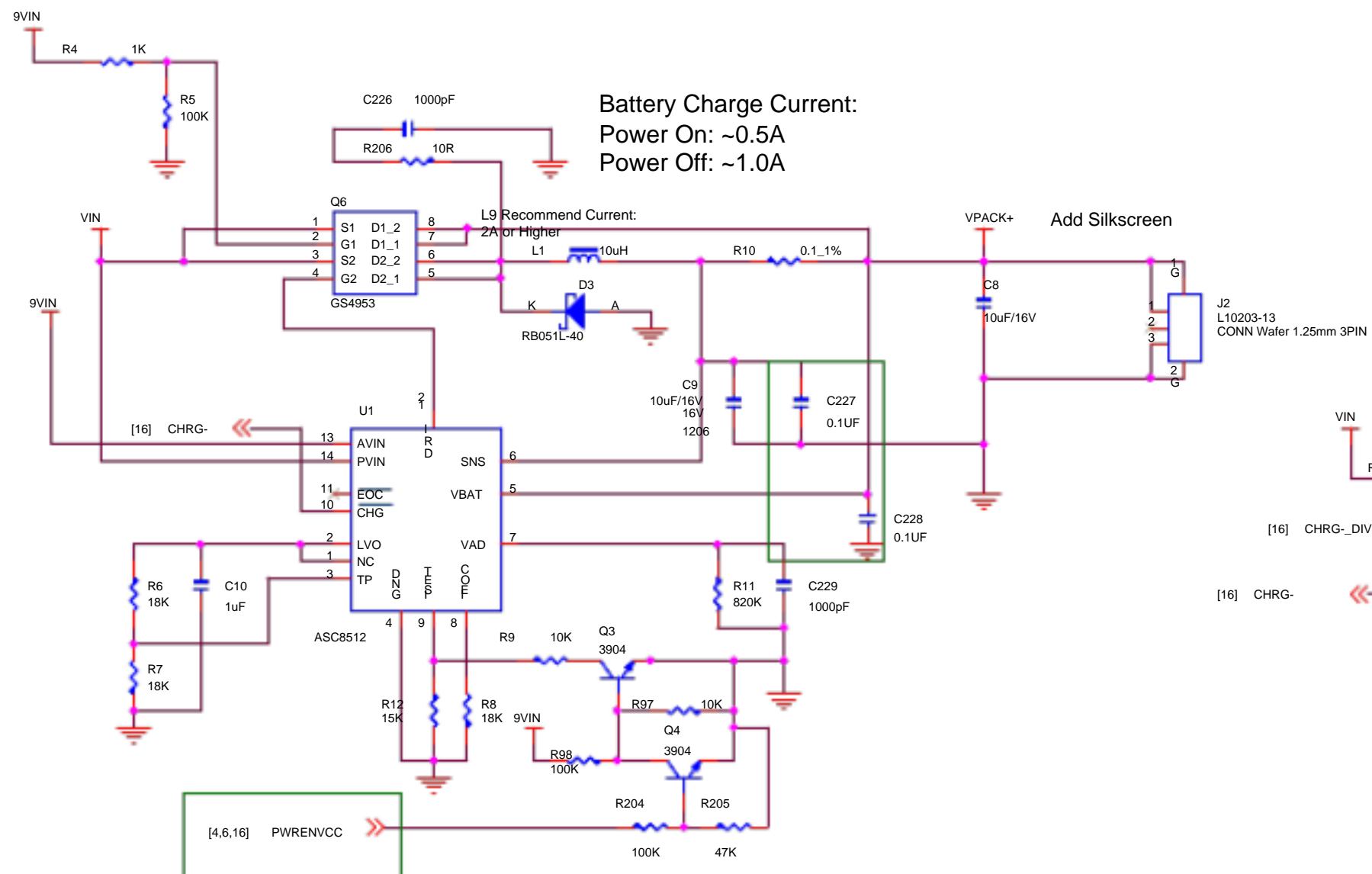


DC Switch



Battery charger 2-Cell

Battery Charge Current:
Power On: ~0.5A
Power Off: ~1.0A

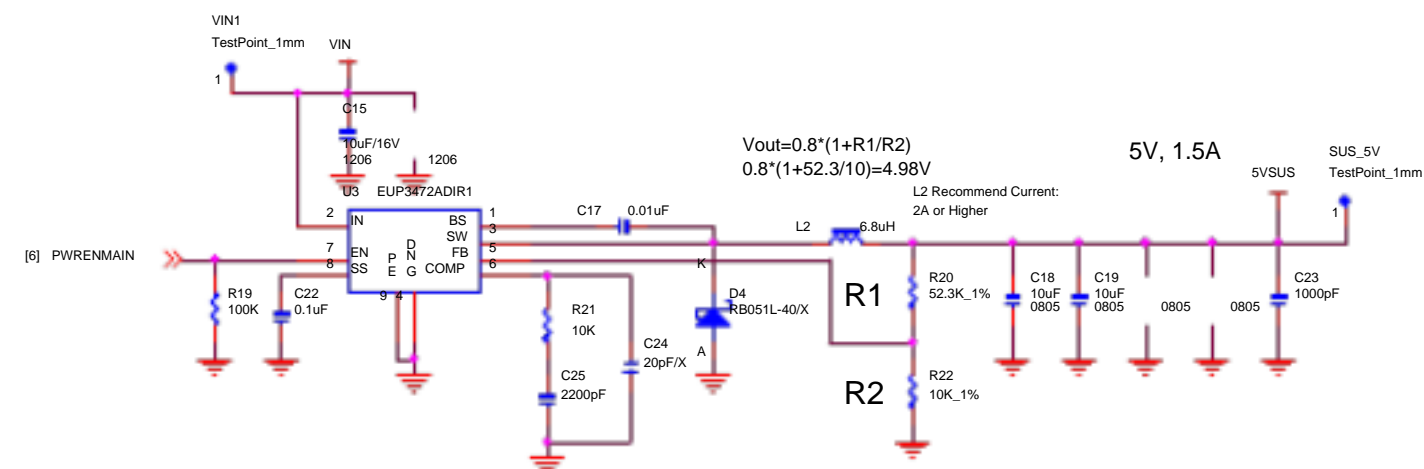


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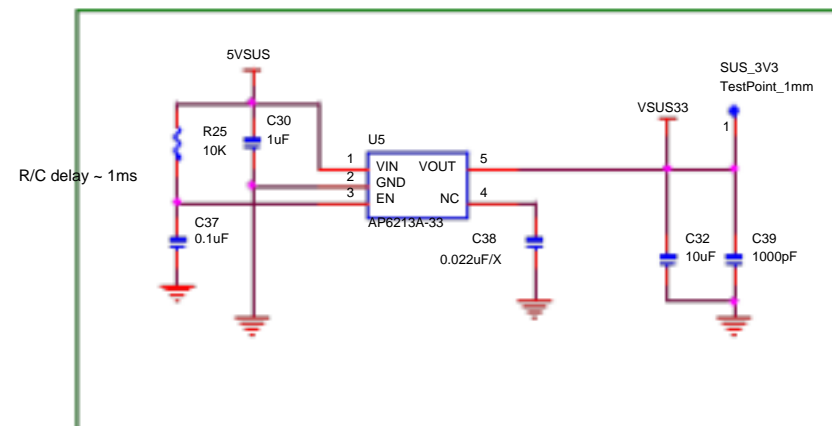
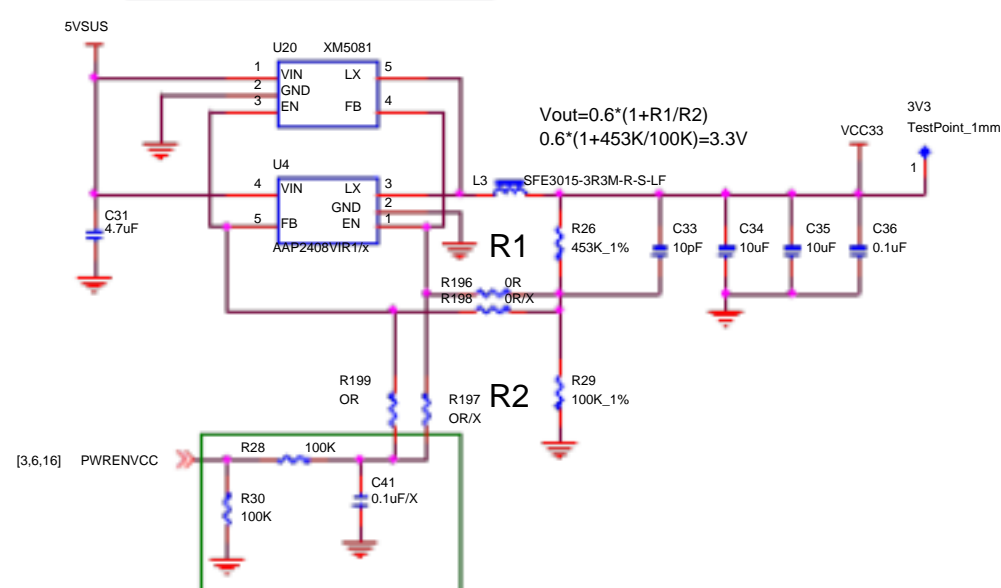
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DC-IN and Battery				
Size	Document Number			Rev
Custom	Union713B			1.0
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Voltage Regulators

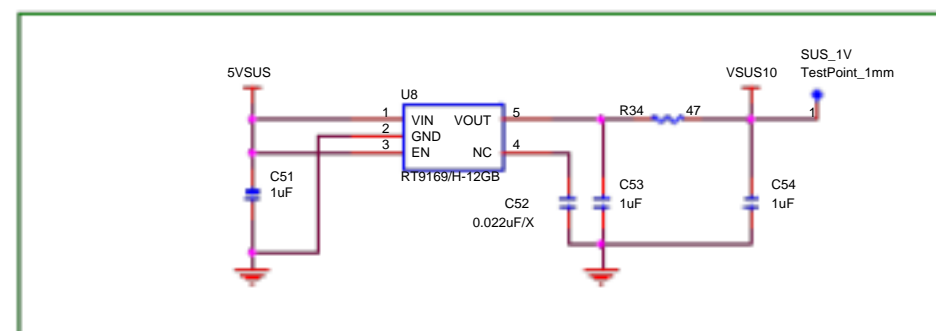
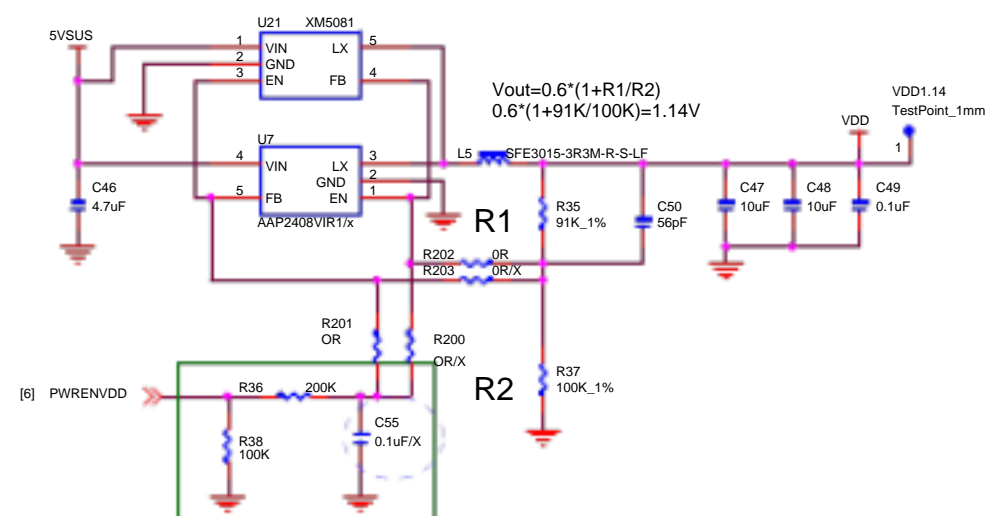
VIN->5VSUS, 2A



5VSUS->3.3V 800mA

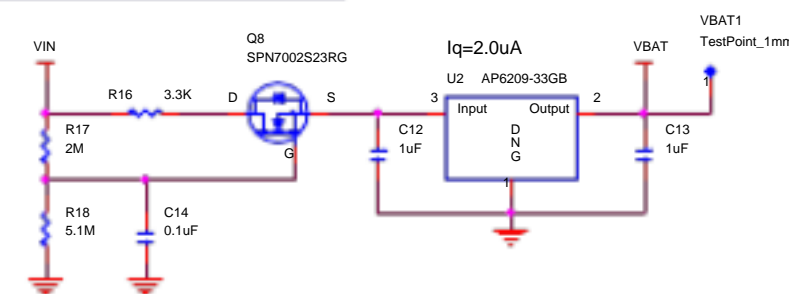


5VSUS->1.0V 800mA

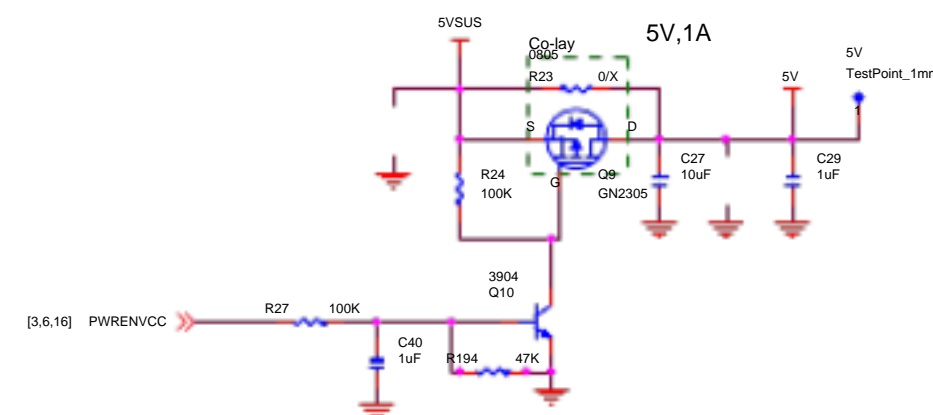


VIN->VCCBAT 3.3V 10uA

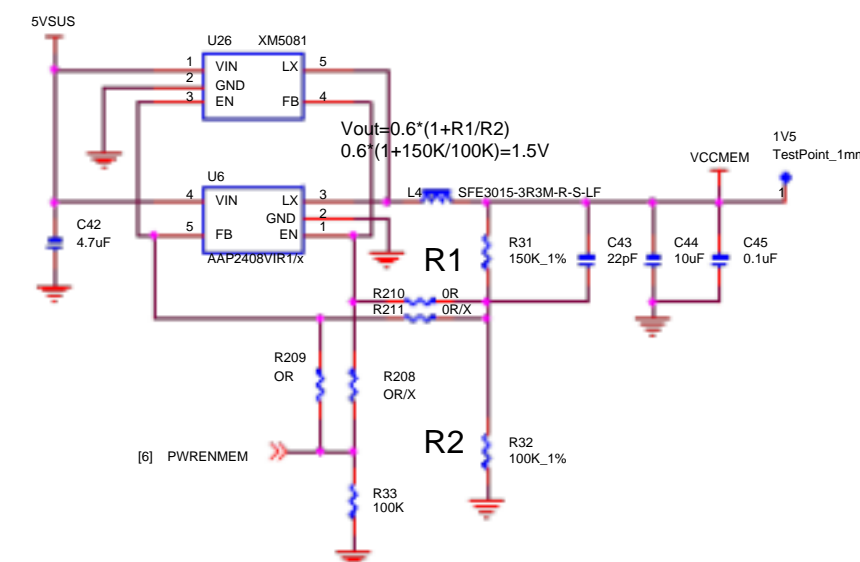
Recommend VIN Voltage:
6.0V Min~9.7V Max



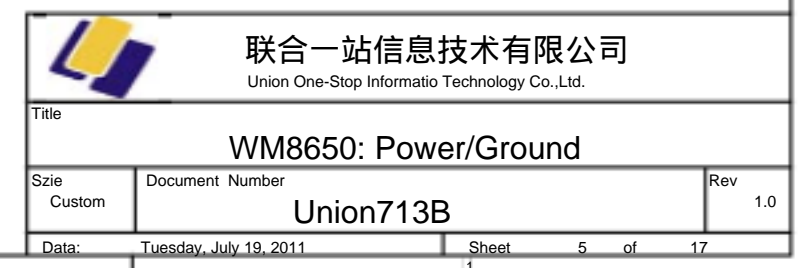
5VSUS->5V, 1A



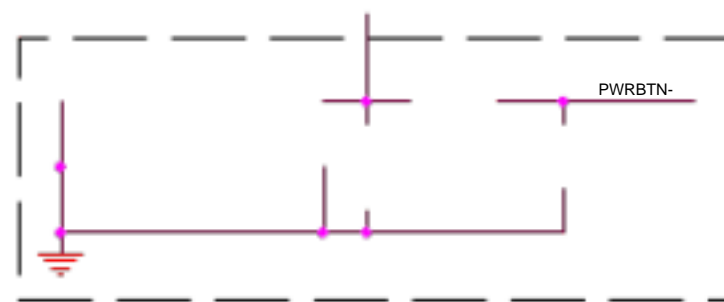
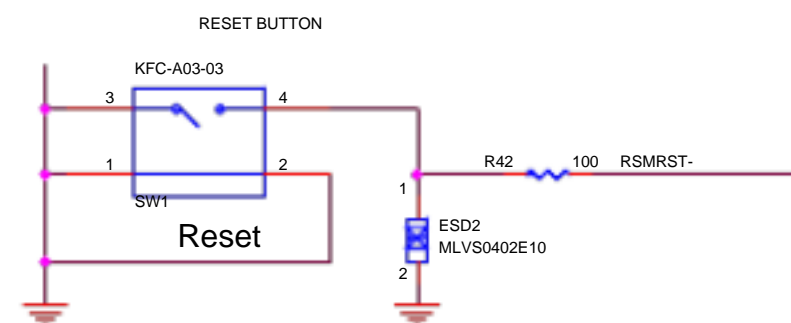
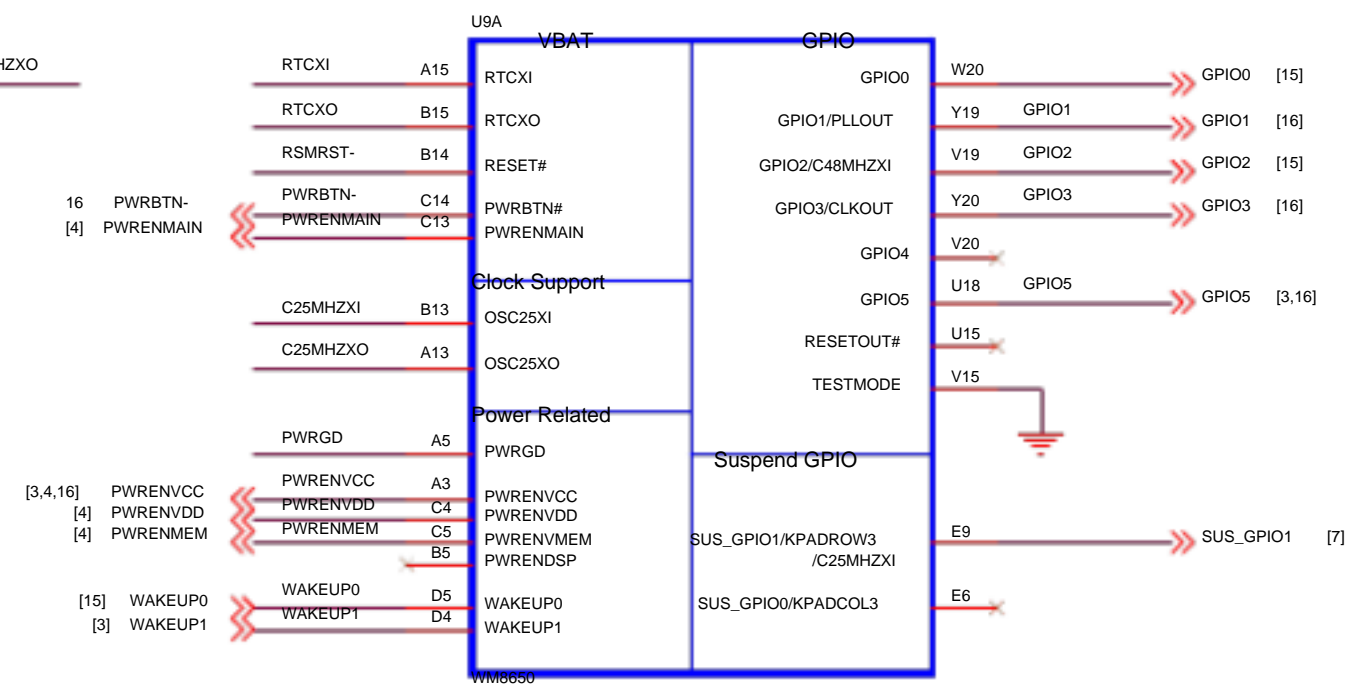
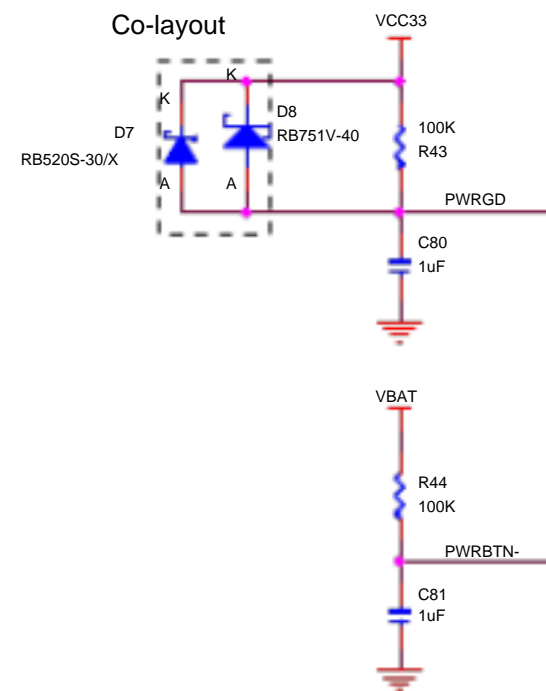
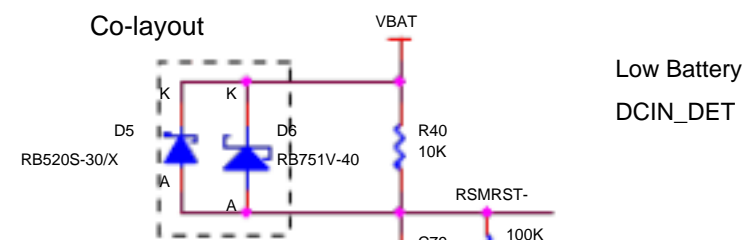
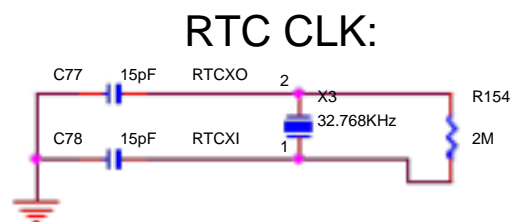
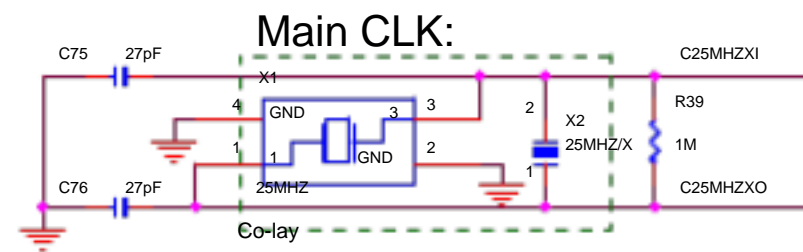
5VSUS->1.8V 800mA



PART: E+F

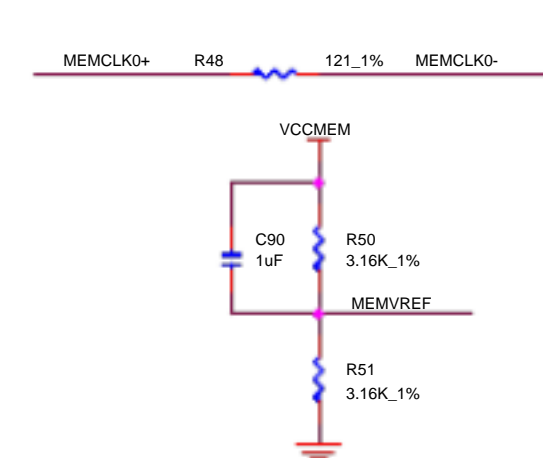
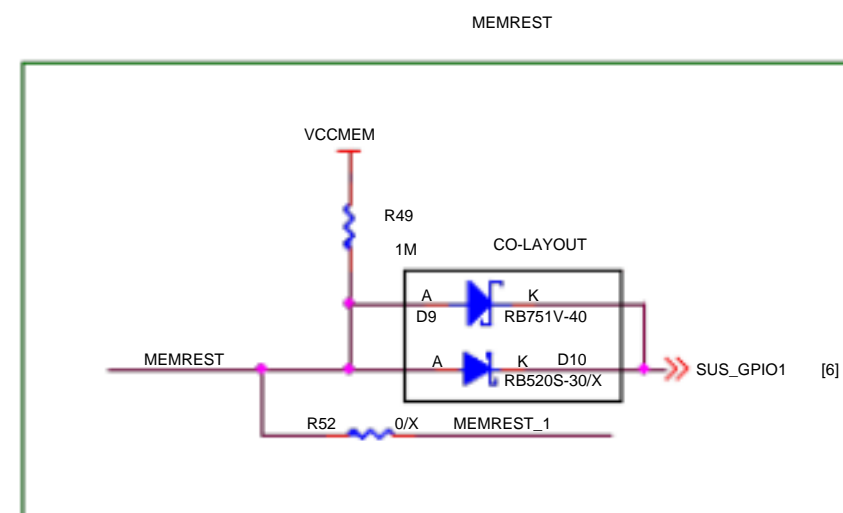
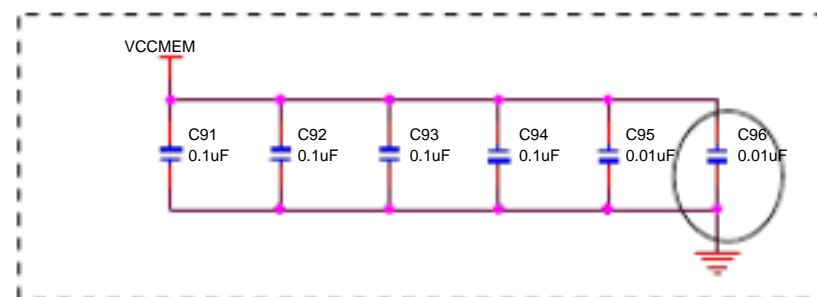
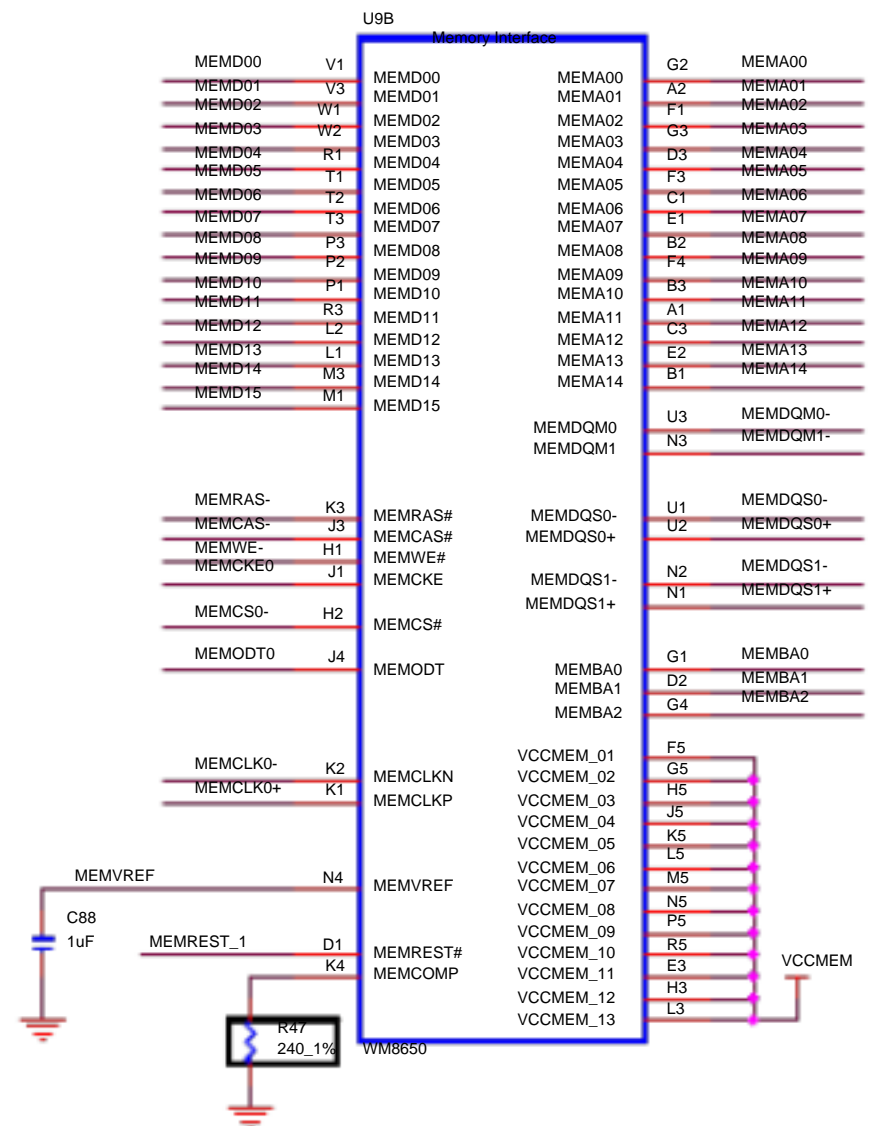
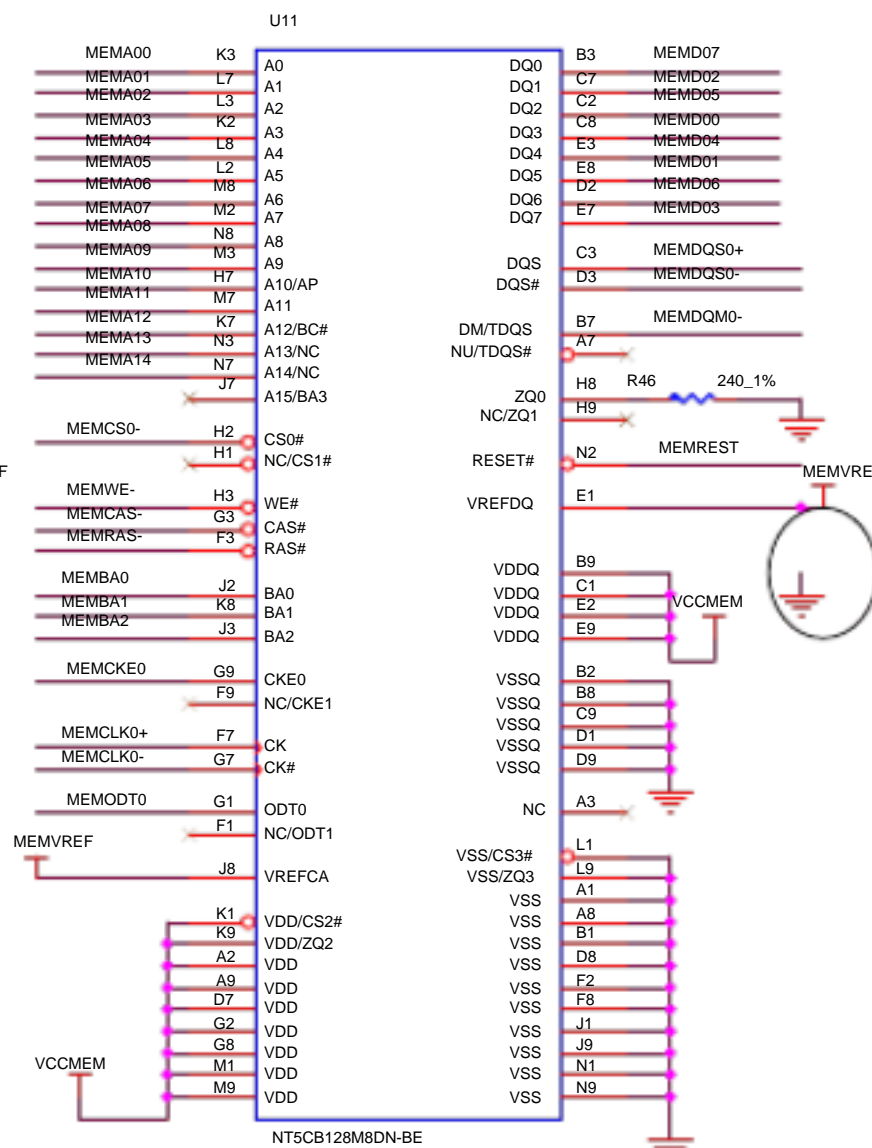


PART:A

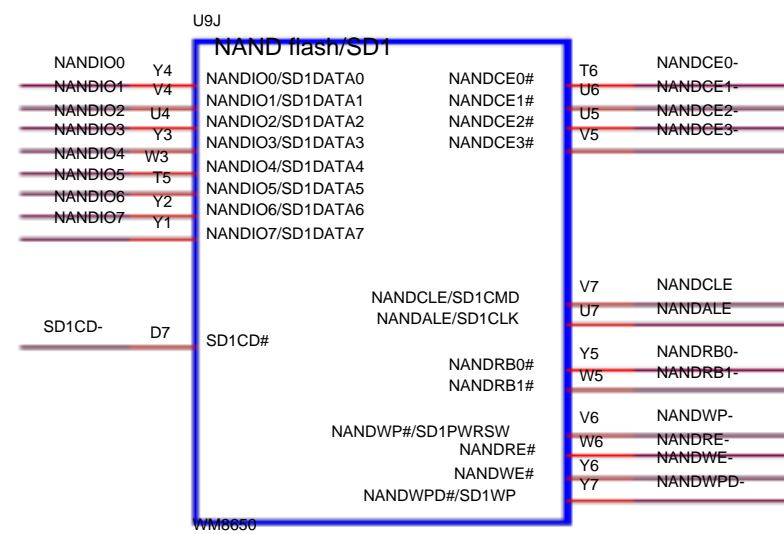


Power Button/Menu Button

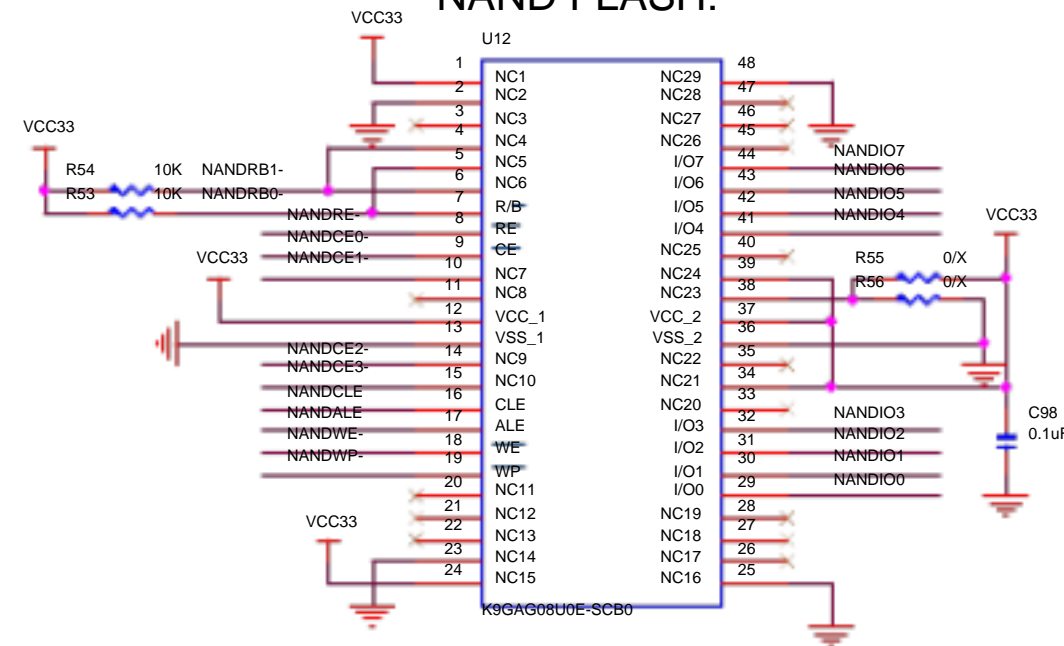
PART: B



PART: J



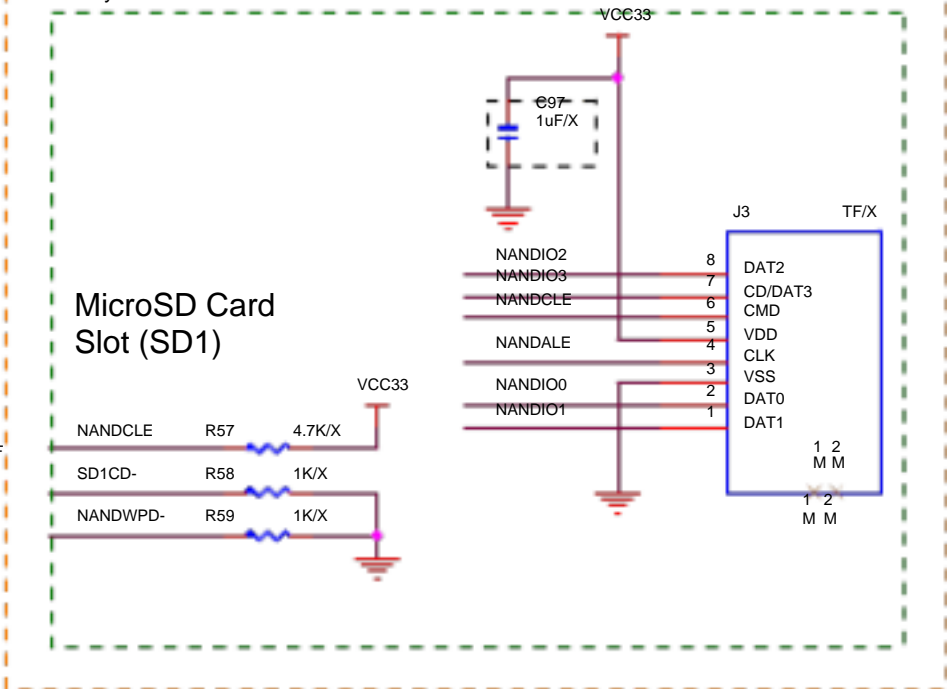
NAND FLASH:



Normal: R15 NC/R16 NC
Intel/Toshiba: R15 0/R16 NC

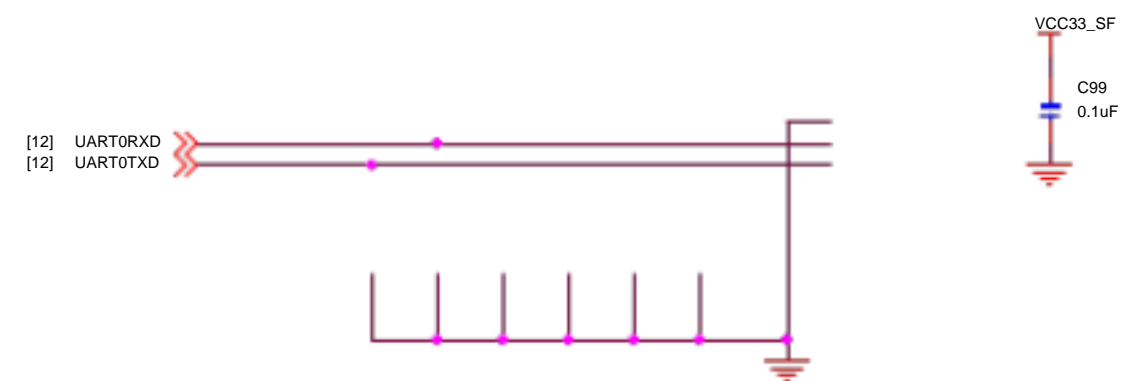
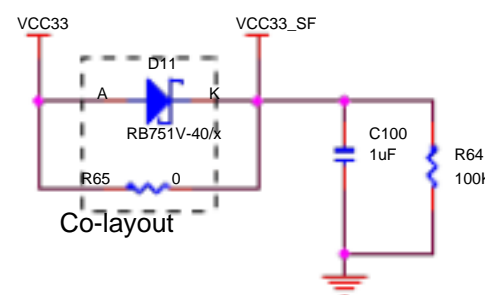
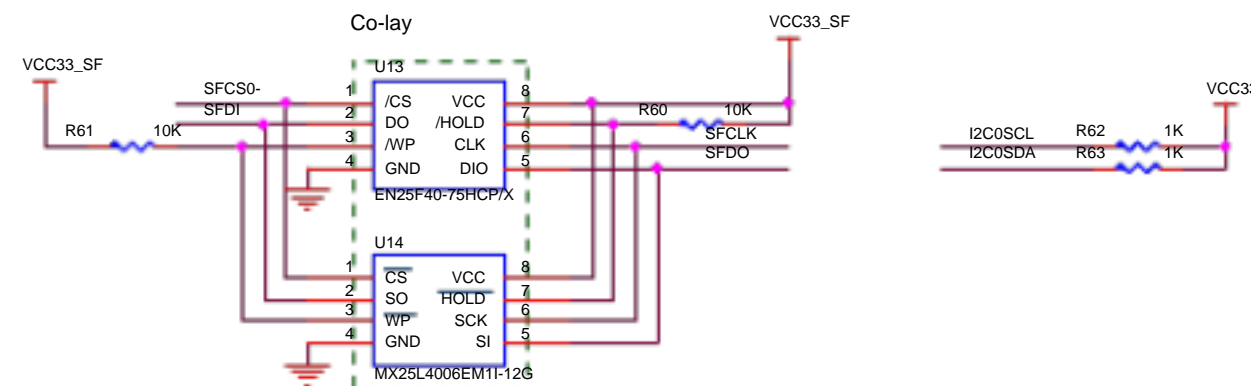
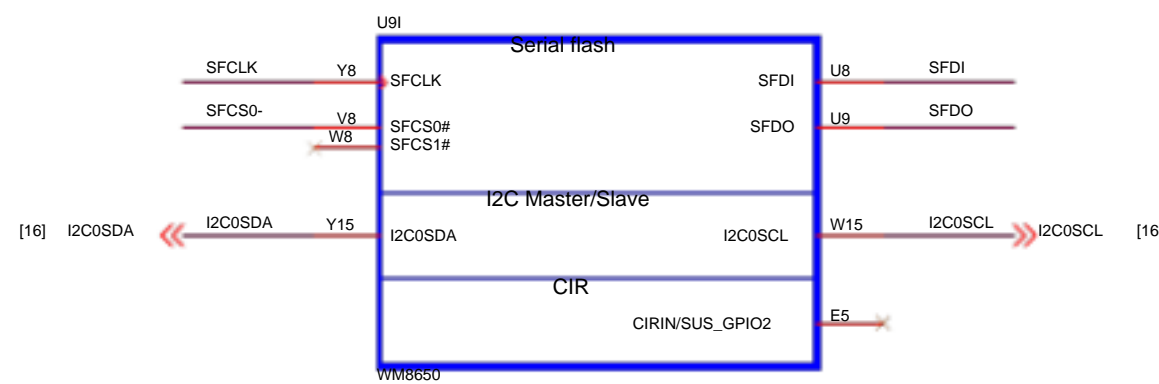
Optional

Co-lay With NAND Flash



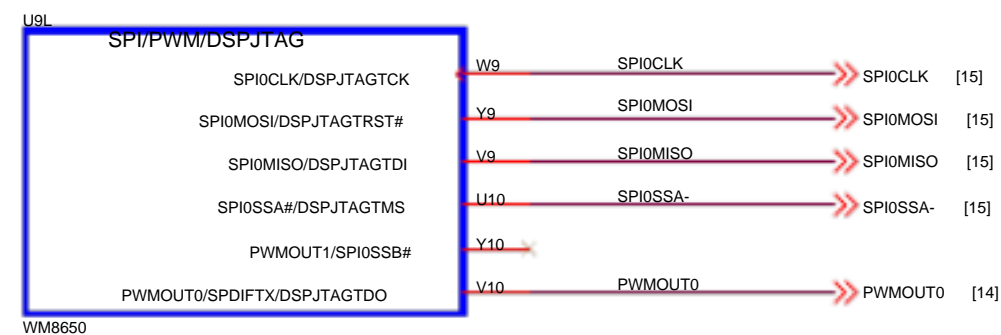
WM8650: SPI FLASH

PART: I



WM8650: SPI + PWM

PART: L



LCD_BL_DIM



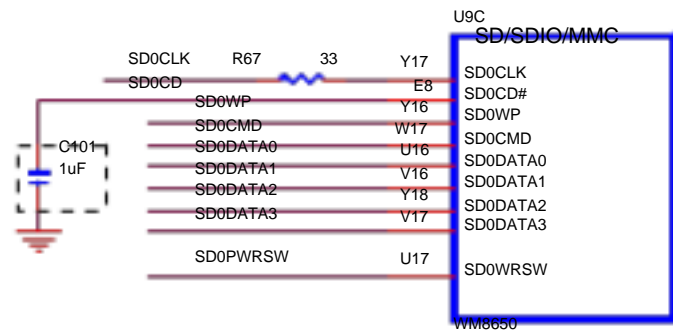
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Title				
WM8650: NAND FLASH				
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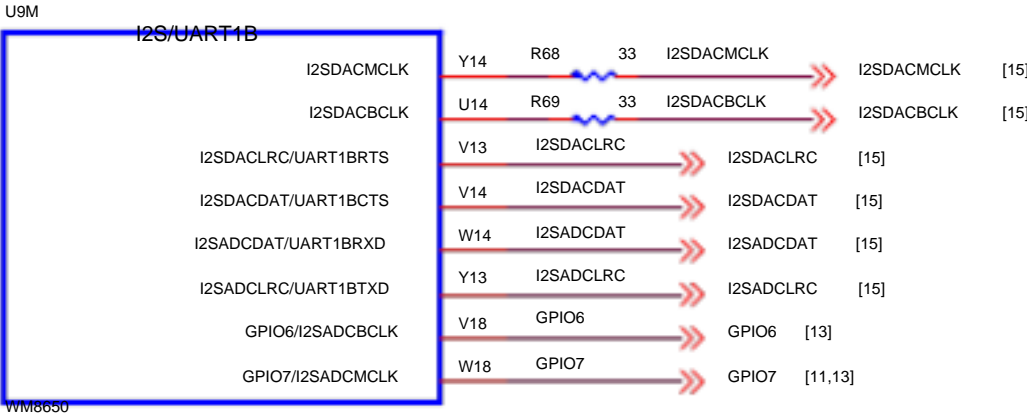
WM8650: SD/SDIO

PART: C

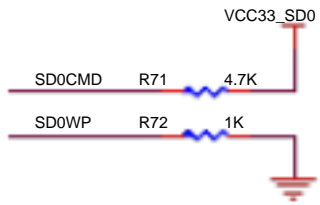
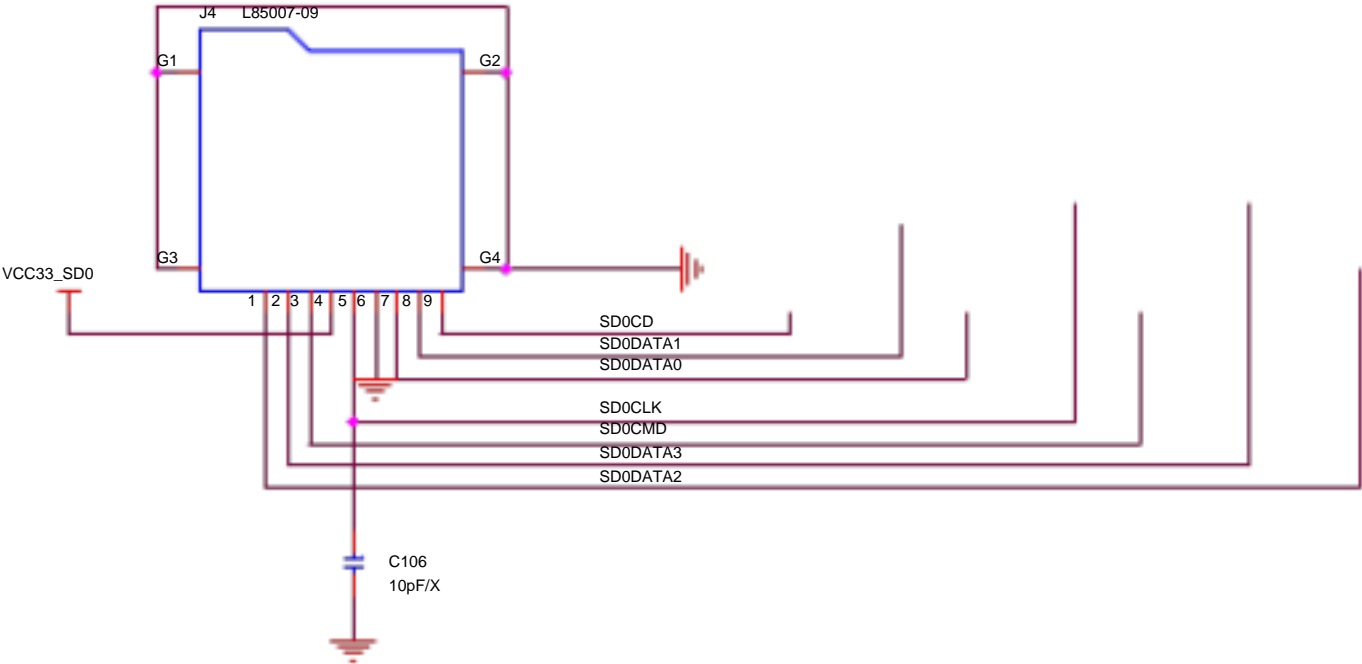
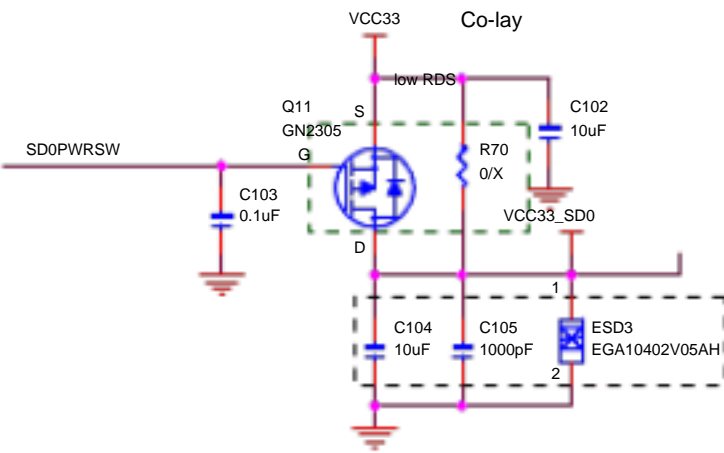


WM8650: I2S

PART: M

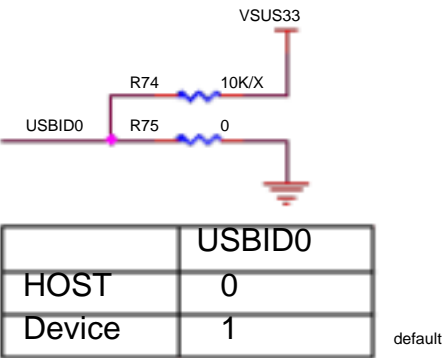
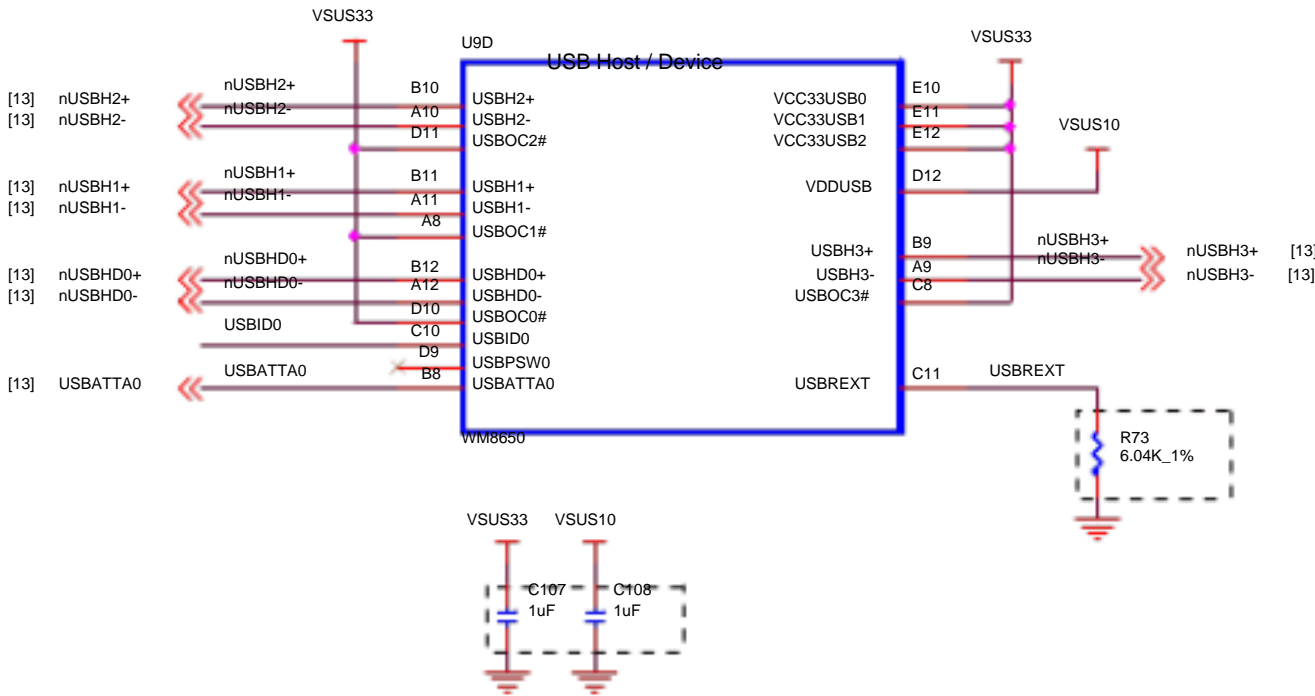


MicroSD Socket



WM8505: USB (HOST+DEVICE)

PART: D



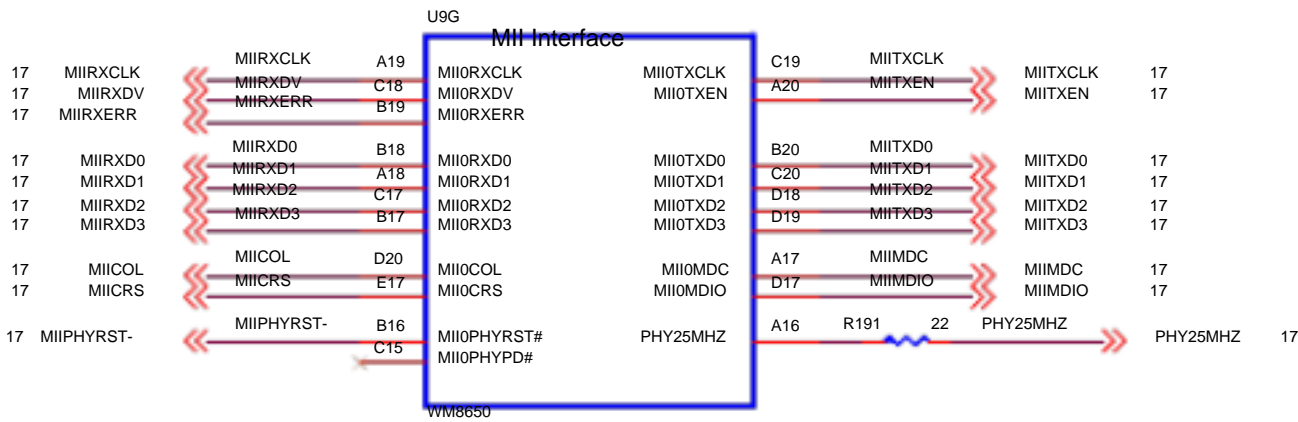
USB PORT 0 Configuration Table

	USBID0
HOST	0
Device	1

default

WM8650: MII

PART: G

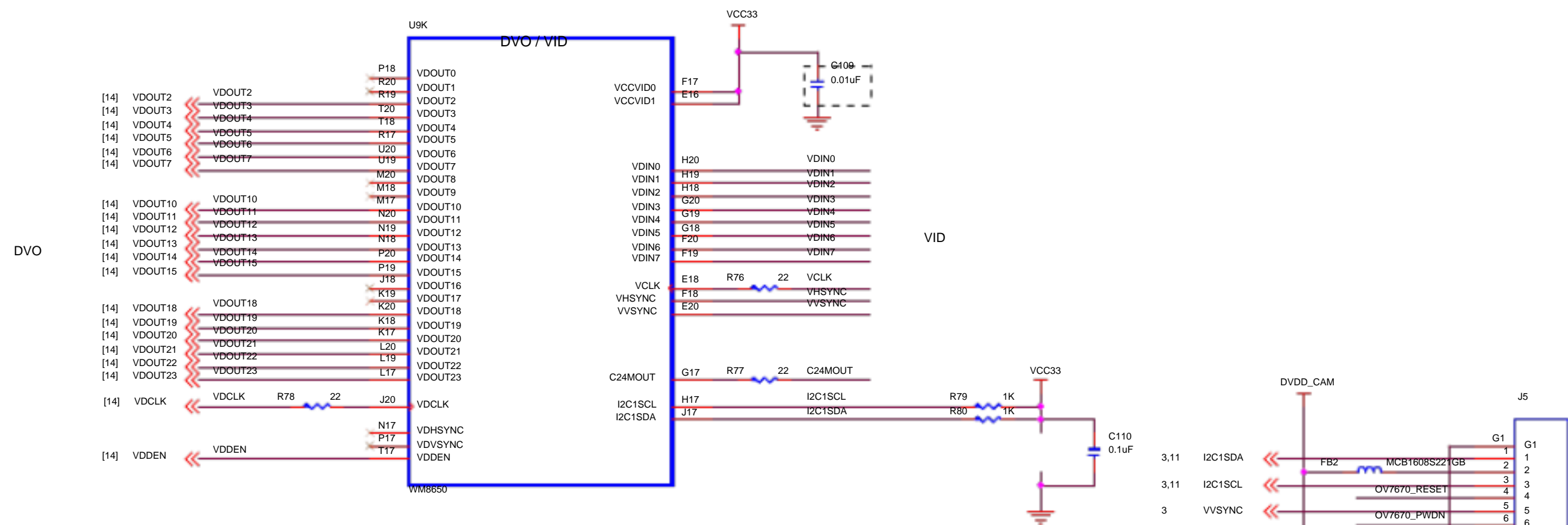


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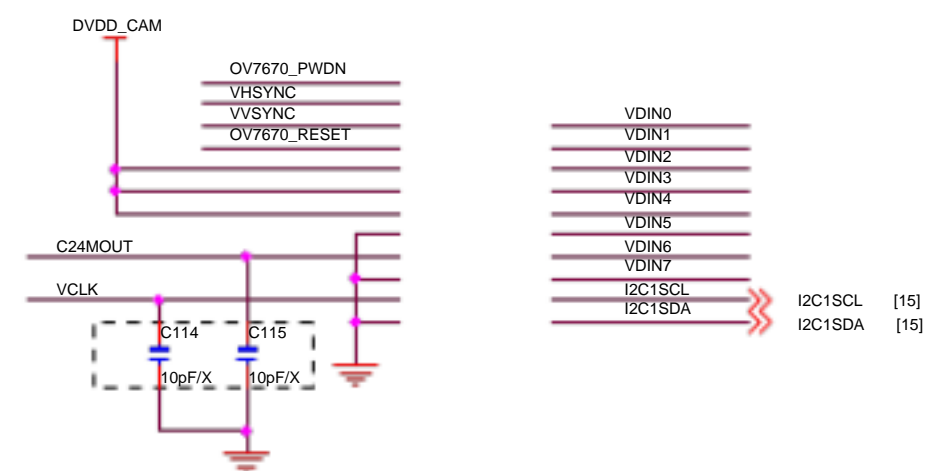
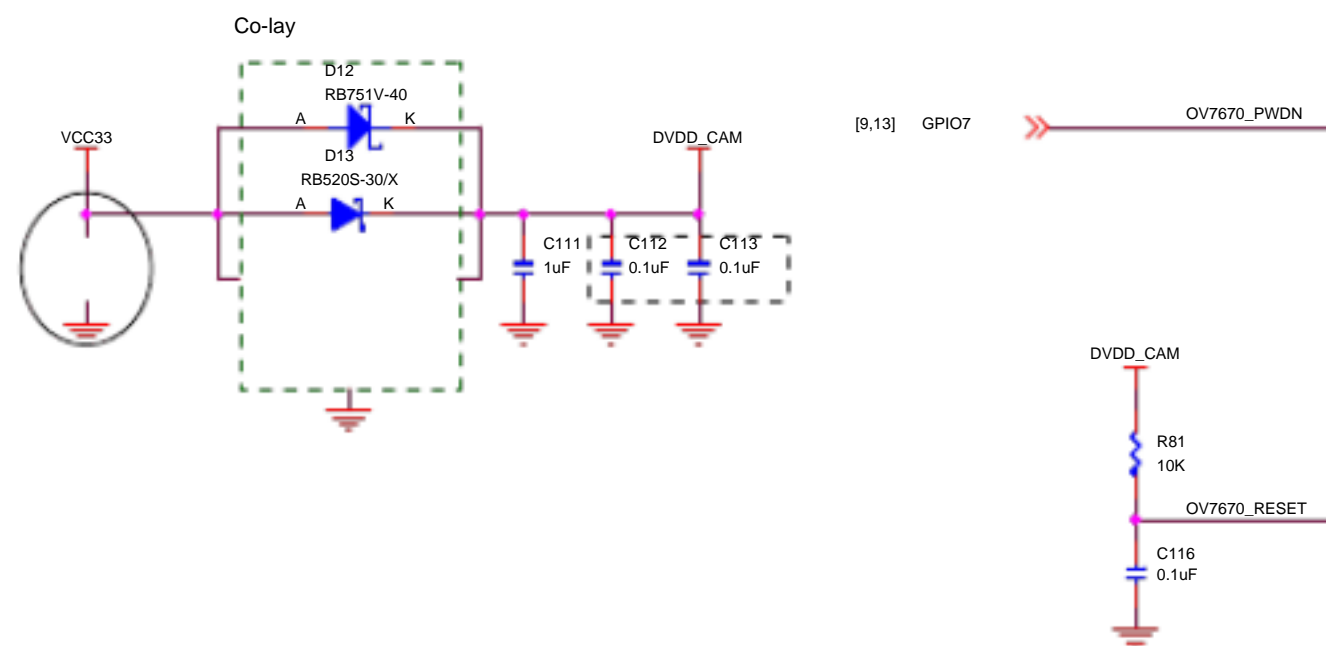
Title			WM8650: USB (H/D)/MII		
Szie		Document Number			Rev
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WM8650: DVO

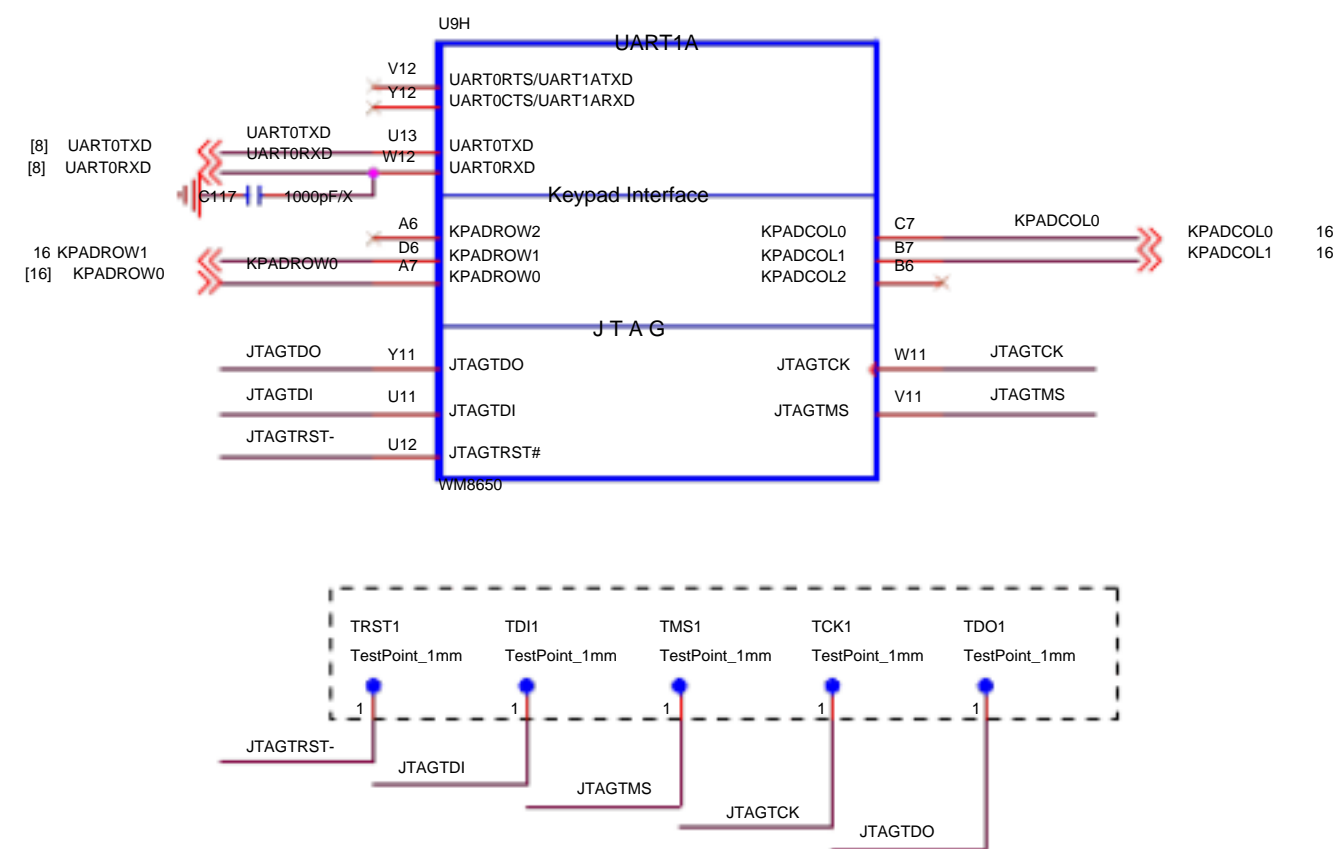
PART: K



CCIR656 Camera

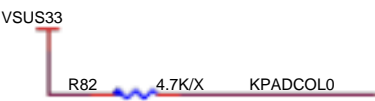


WM8650: UART/KEYPAD/JTAG
PART: H



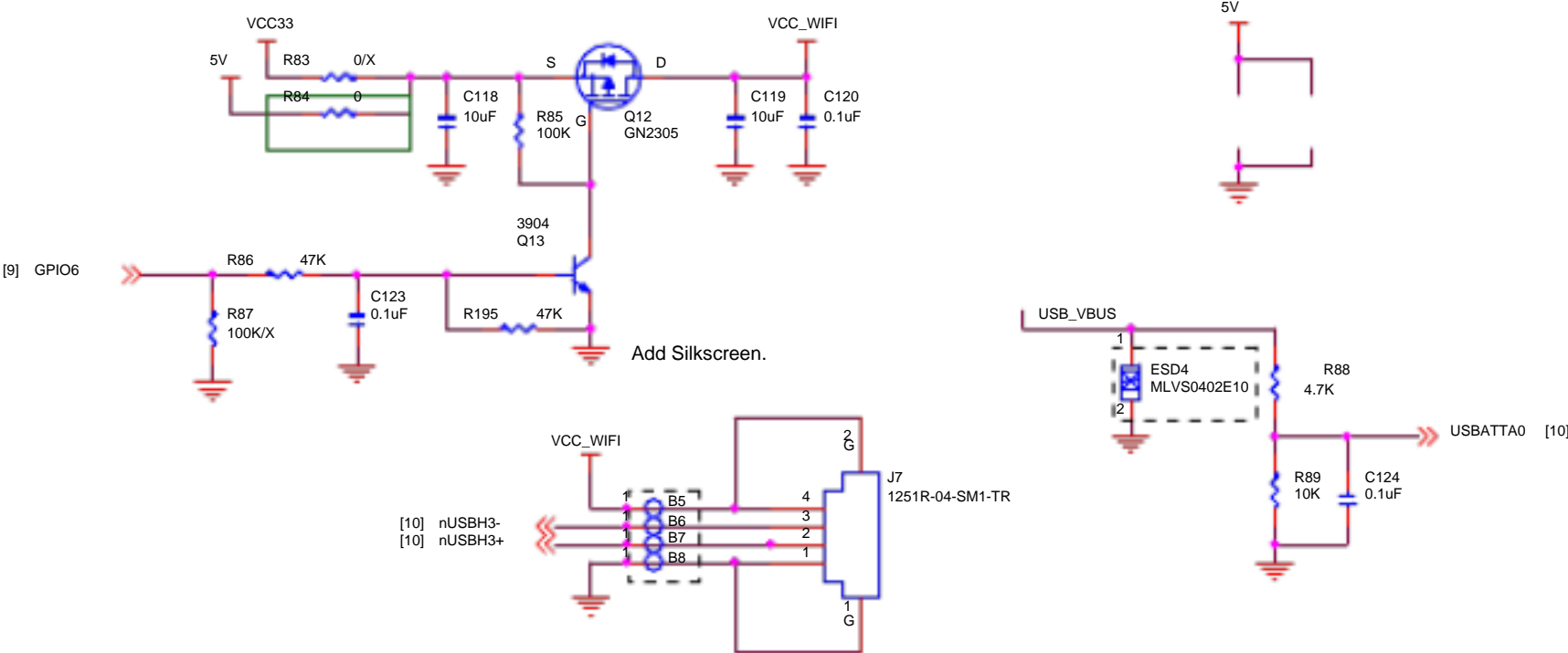
Strapping Option

Pin	Internal Pull up/down	Default	Description
KPADC0L0	pull down	0	Inert PWRBTN# 0:debounced for a few cycles 1:kept 2s to trigger

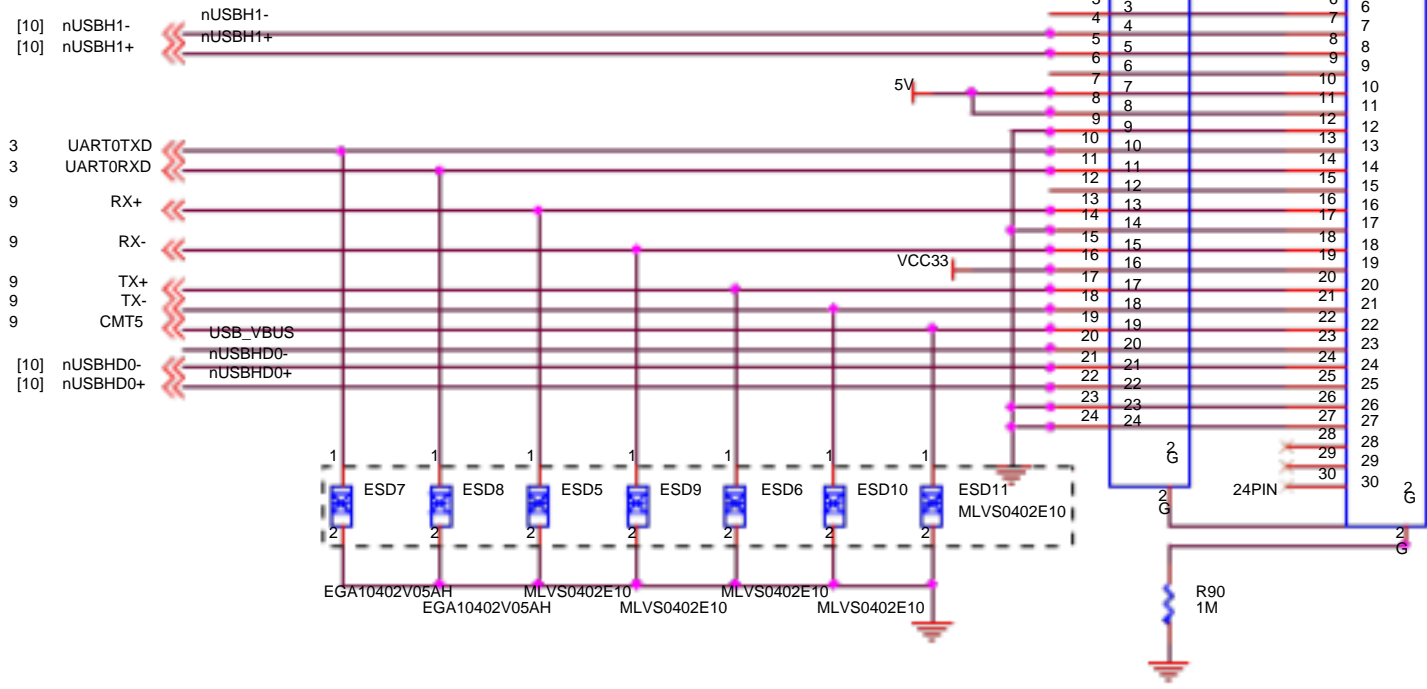


USB WiFi/Camera

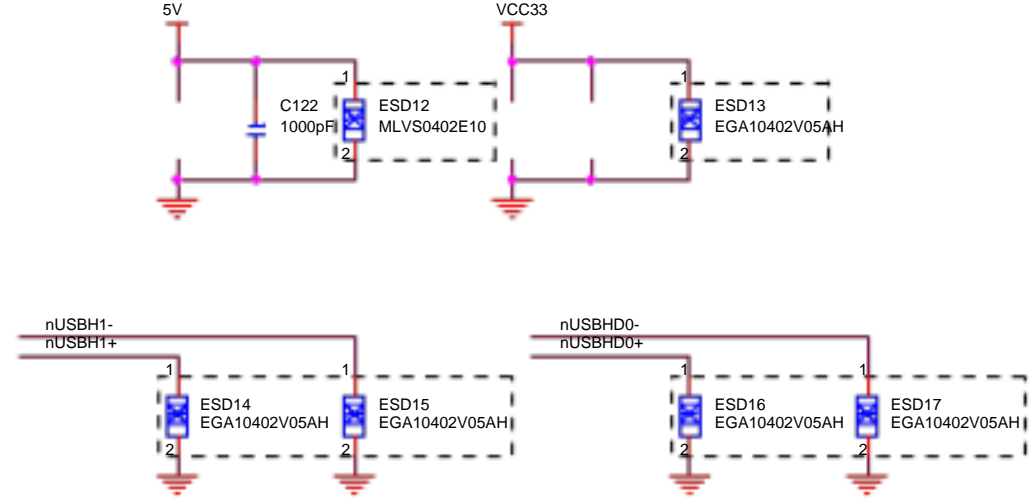
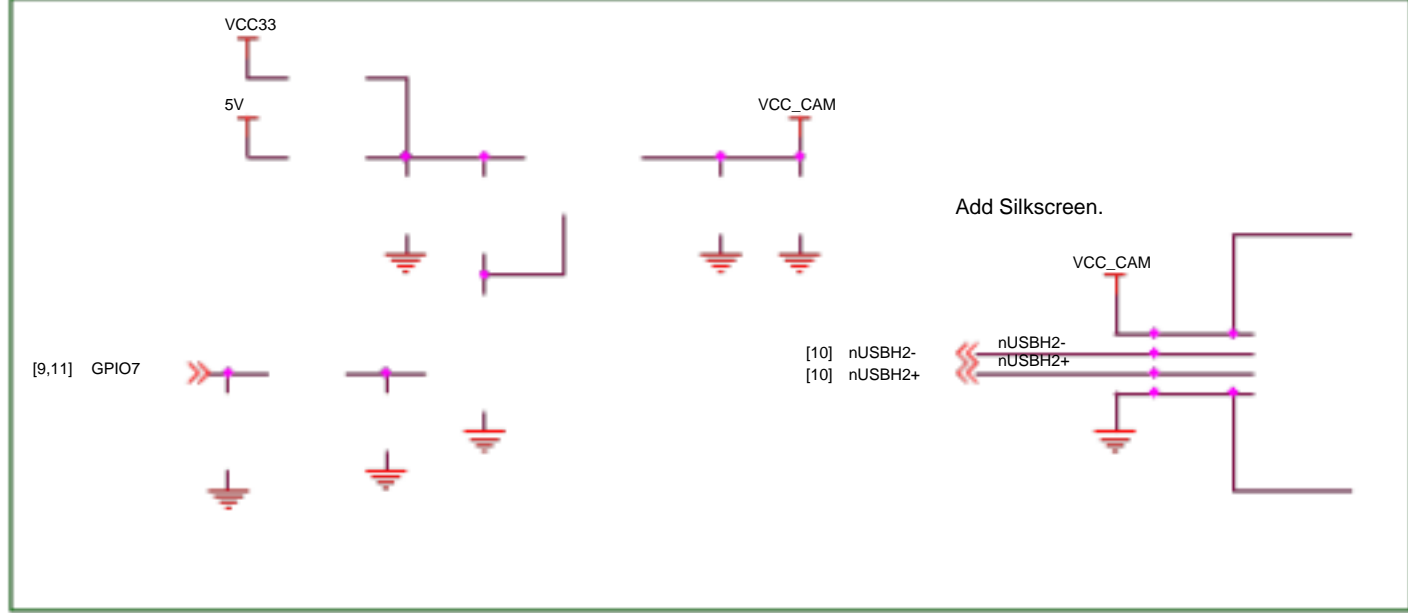
USB WiFi



24pin CONN

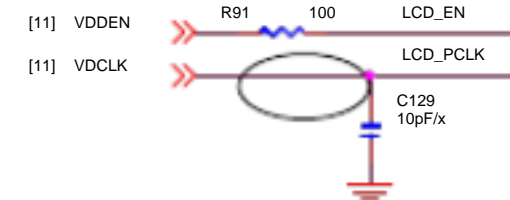
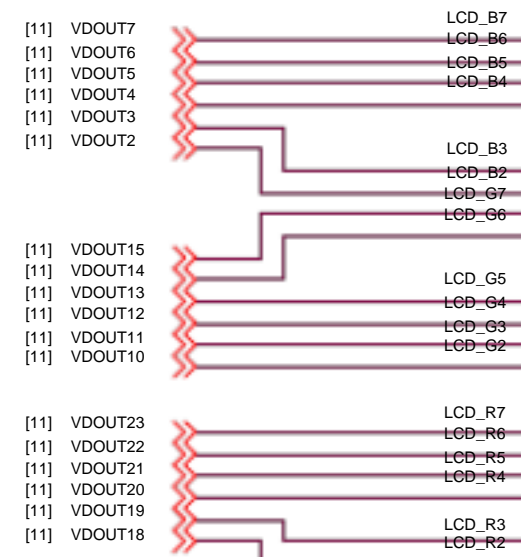
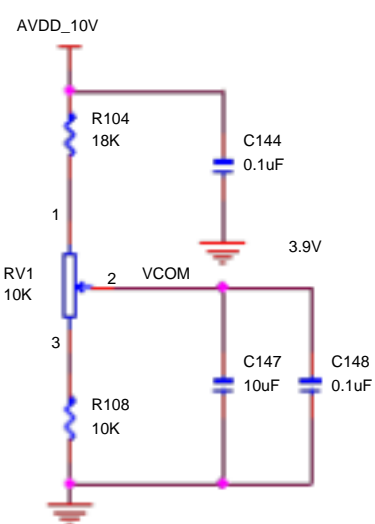
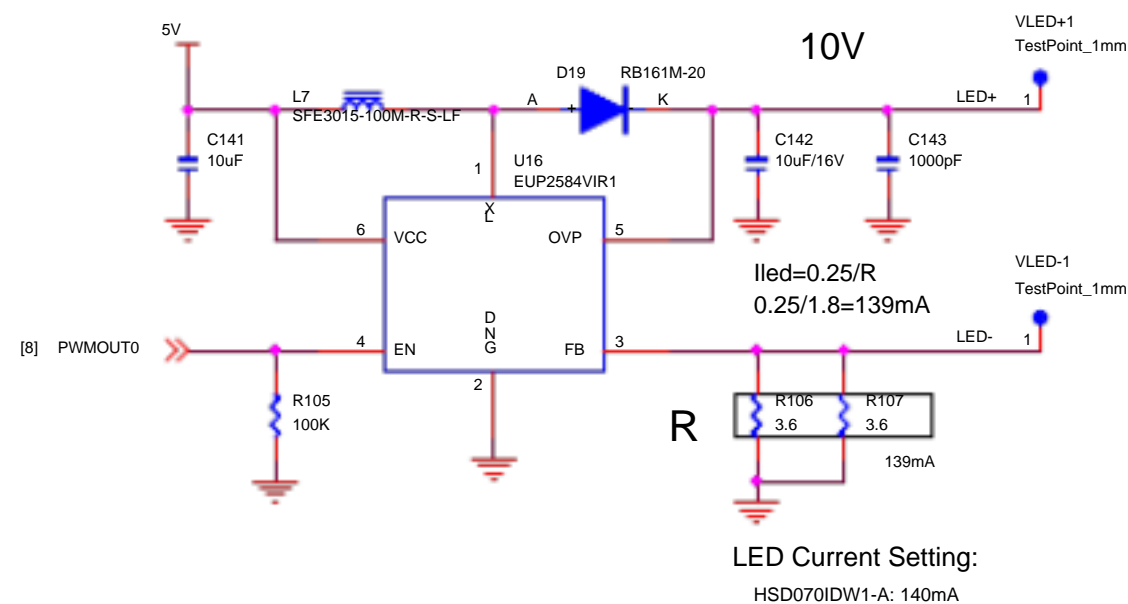
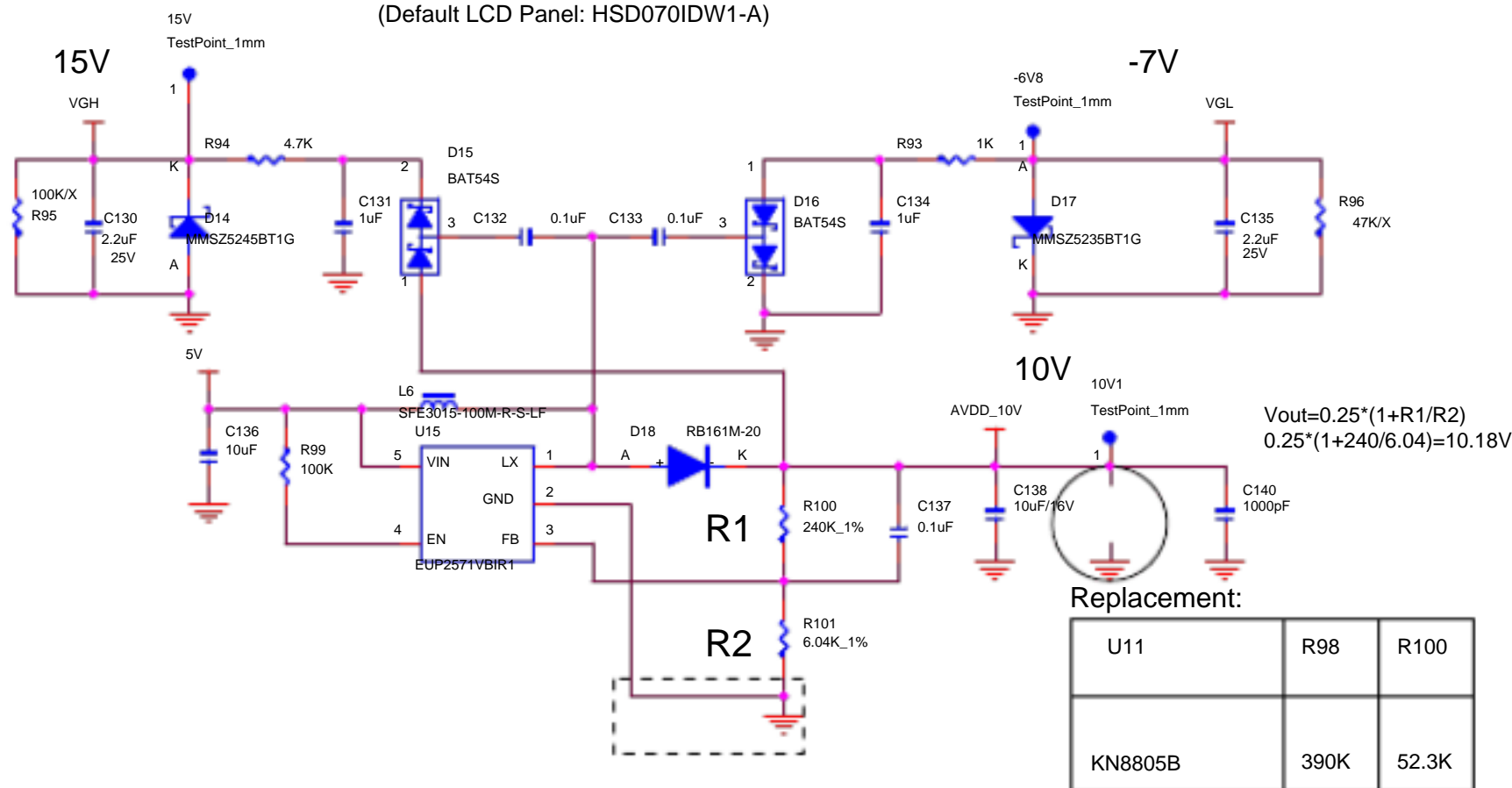


USB Camera

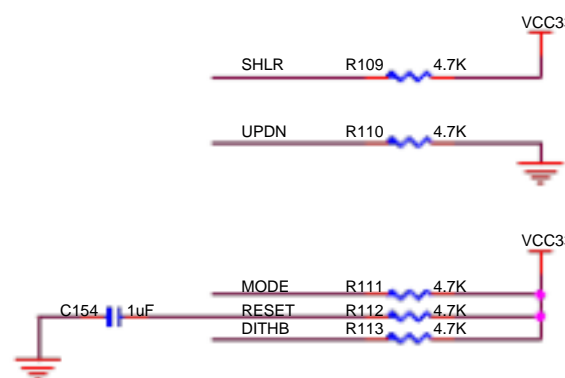
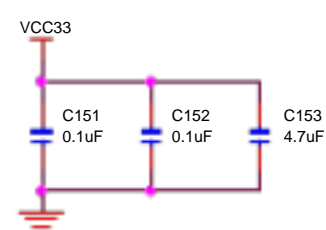
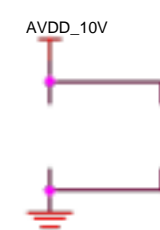
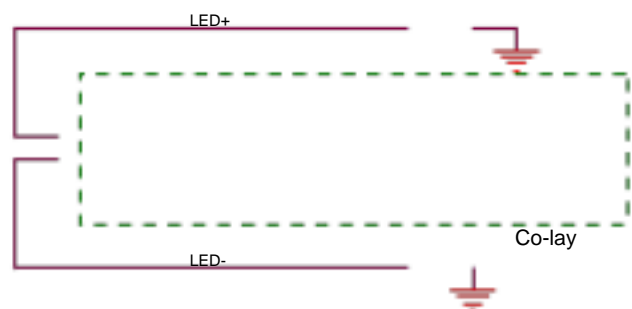
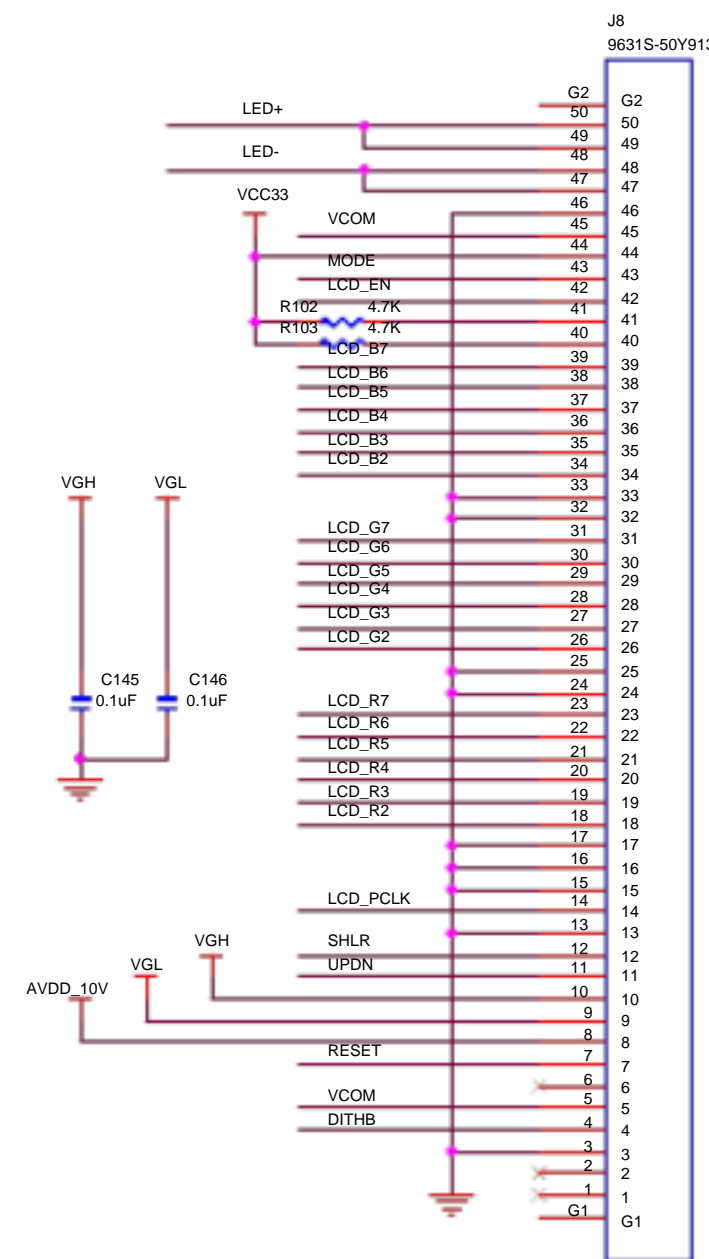


LCD Panel

(Default LCD Panel: HSD070IDW1-A)



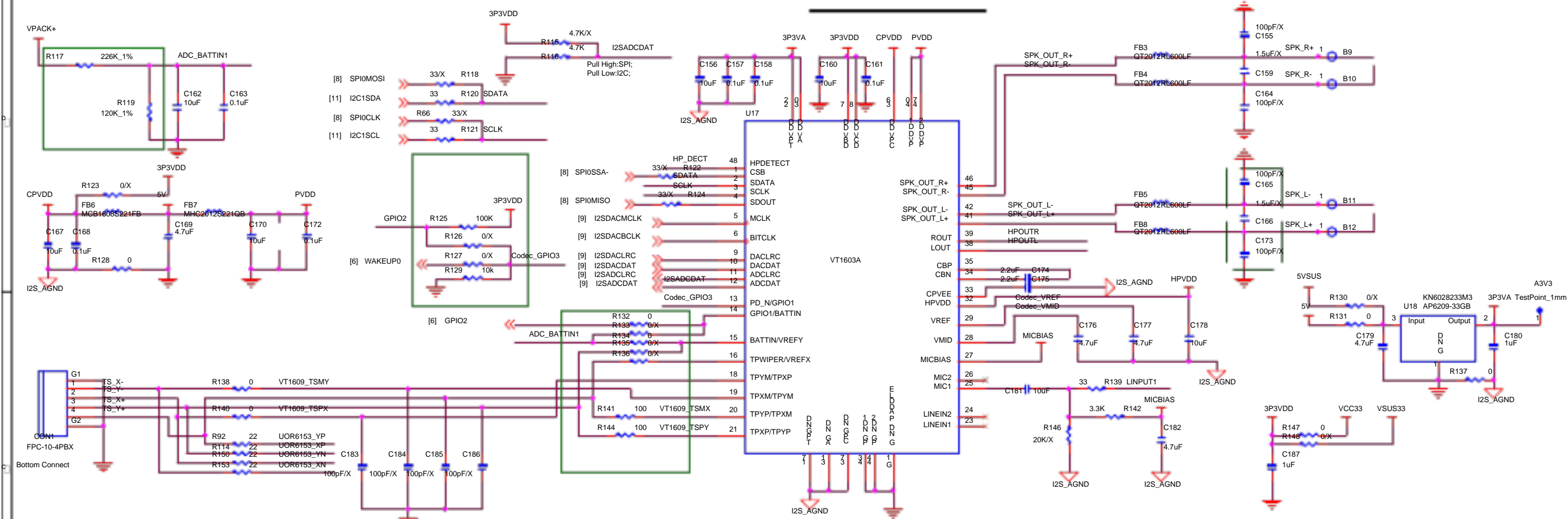
Bottom Contact
Place TOP Layer



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LCD Panel		
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I2S CODEC

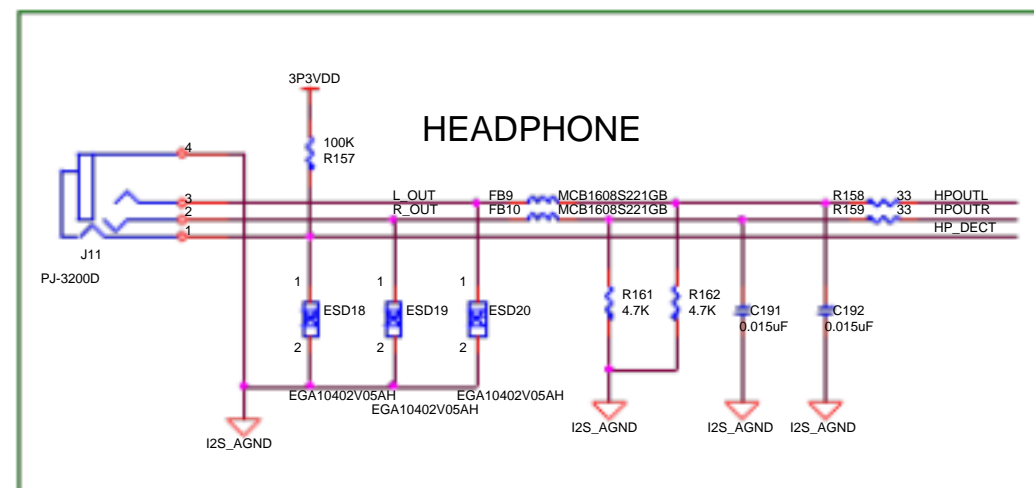
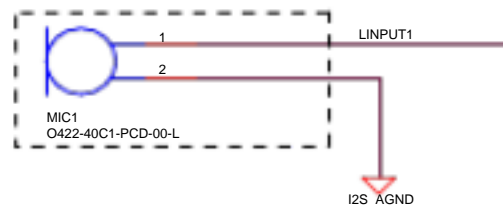


	R126	R127	R138	R129	R140	R123	R144	R141	R136	R135	R92	R114	R150	R153	R143	R145	R149
VT1603A	unmount	unmount	0	10K	0	unmount	0	0	unmount	unmount	unmount	unmount	unmount	unmount	unmount	unmount	unmount
VT1609A	0	0	0	unmount	0	0	100	100	0	0	unmount	unmount	unmount	unmount	unmount	unmount	unmount
UOR6153	unmount	unmount	unmount	10K	unmount	unmount	unmount	unmount	unmount	unmount	22	22	22	22	10K	10K	10K

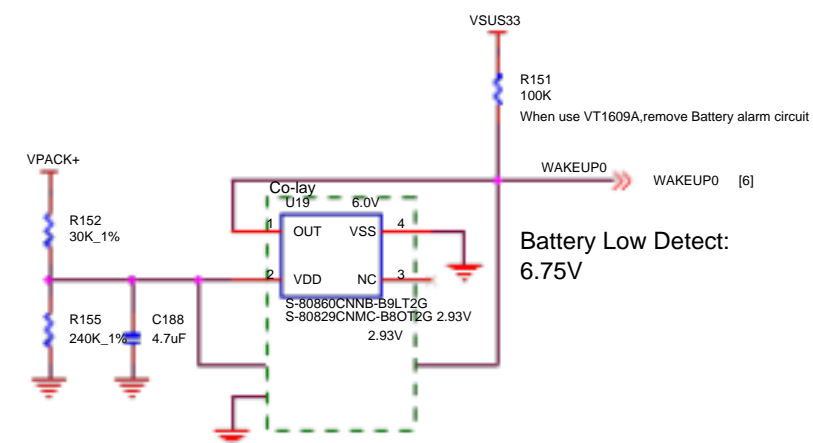
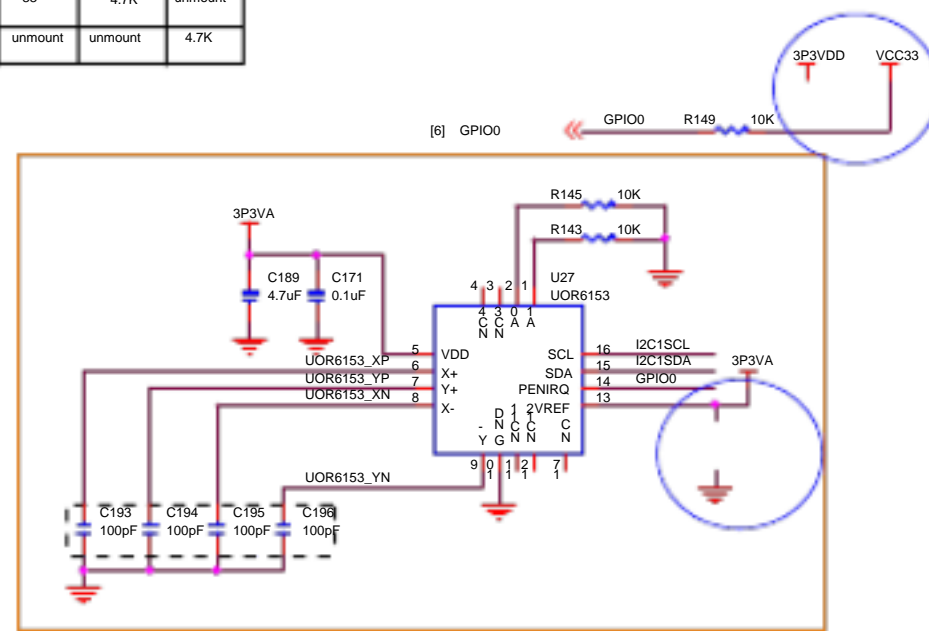
	R147	R148	R131	R130	R152	R155	C188	U19		C193	C194	C195	C196	C171	C189
VT1603A	0	unmount	0	unmount	30K_1%	240K_1%	4.7uF	S-80860CNNB-B9LT2G		unmount	unmount	unmount	unmount	unmount	unmount
VT1609A	unmount	0	unmount	0	unmount	unmount	unmount	unmount		unmount	unmount	unmount	unmount	unmount	unmount
JOR6153	0	unmount	0	unmount	30K_1%	240K_1%	4.7uF	S-80860CNNB-B9LT2G		100pF	100pF	100pF	100pF	0.1uF	4.7uF

	R134	R133	R132	FB6	R66	R121	C186	C183	C184	C185	R120	R118	R122	R124	R115	R116
VT1603A	0	unmount	0	MCB1608S221FB	unmount	33	unmount	unmount	unmount	unmount	33	unmount	unmount	unmount	unmount	4.7K
VT1603A	unmount	0	unmount	unmount	33	unmount	100pF	100pF	100pF	100pF	unmount	33	33	33	4.7K	unmount
JOR6153	0	unmount	0	MCB1608S221FB	unmount	33	unmount	unmount	unmount	unmount	33	unmount	unmount	unmount	unmount	4.7K

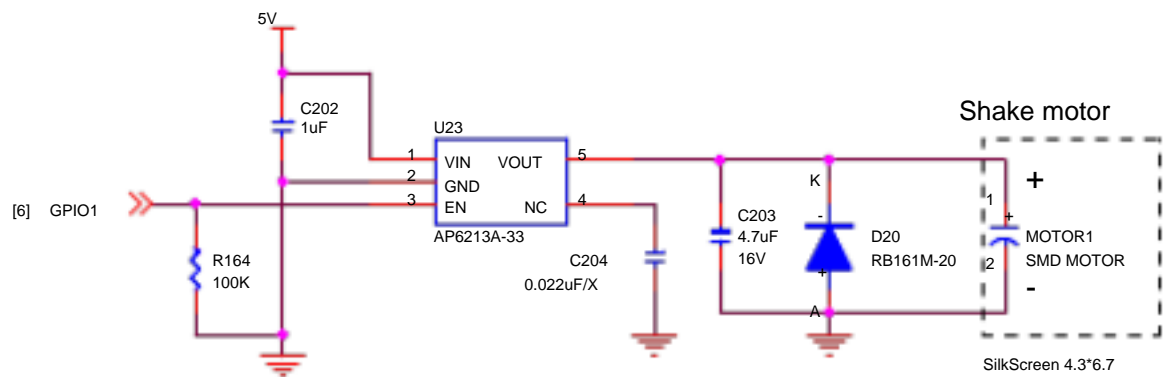
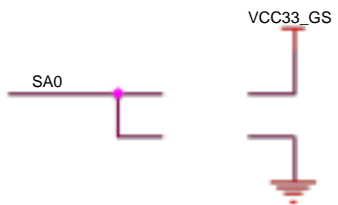
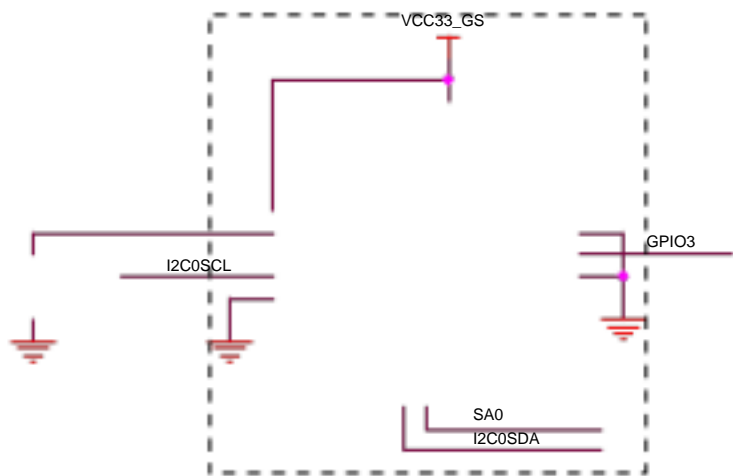
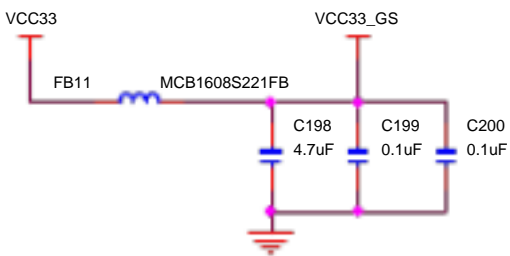
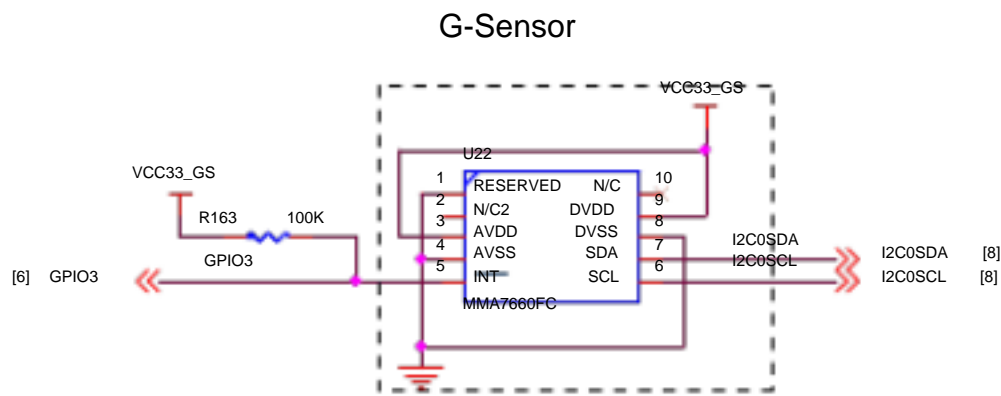
Onboard MIC



HP_DECT	Headphone Detect status
Low	headphone detected
High	No headphone insert

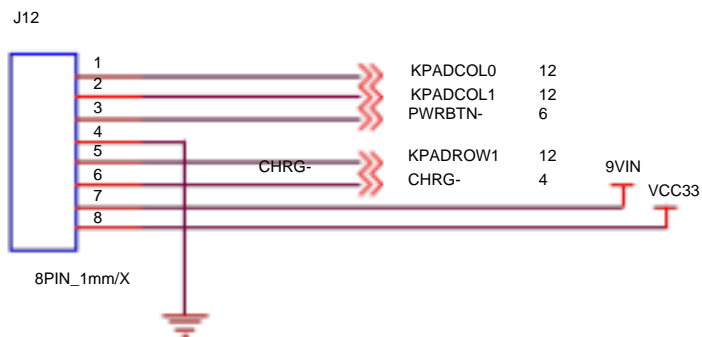
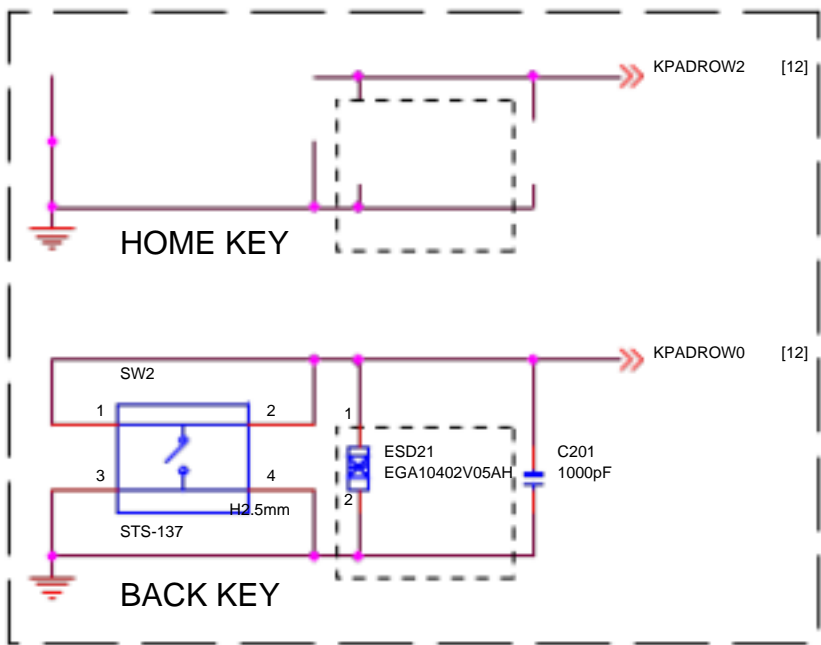


G-Sensor & Shake

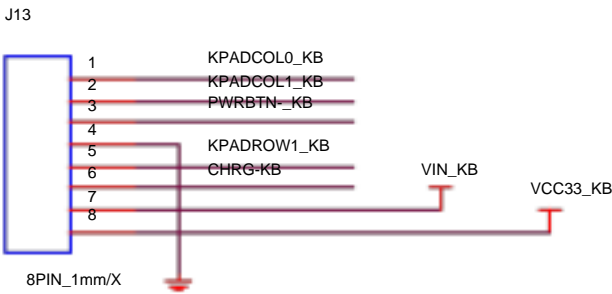


Replacement:

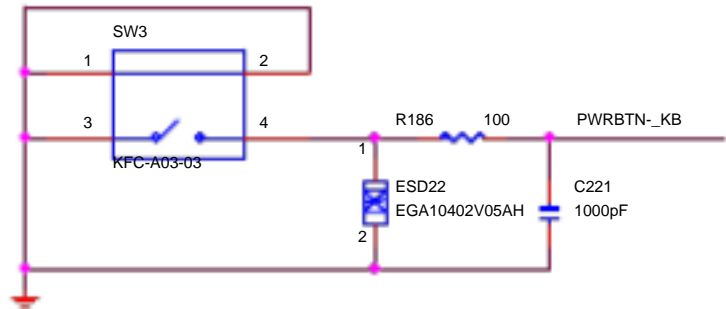
U18	C148
AP6213A-33	unmout
KN6029233M5	0.022uF
RT9193-33PB	0.022uF



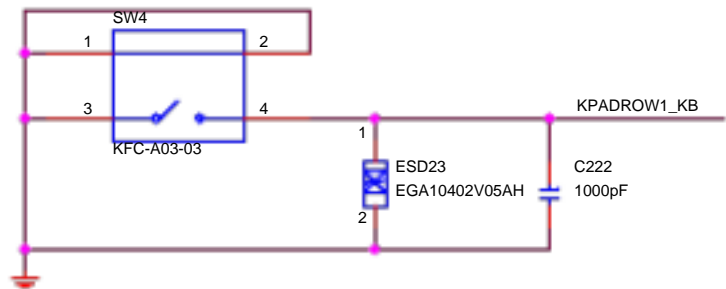
Keypad board



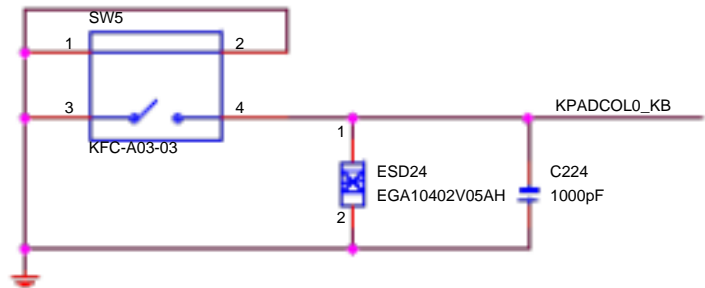
Power Button



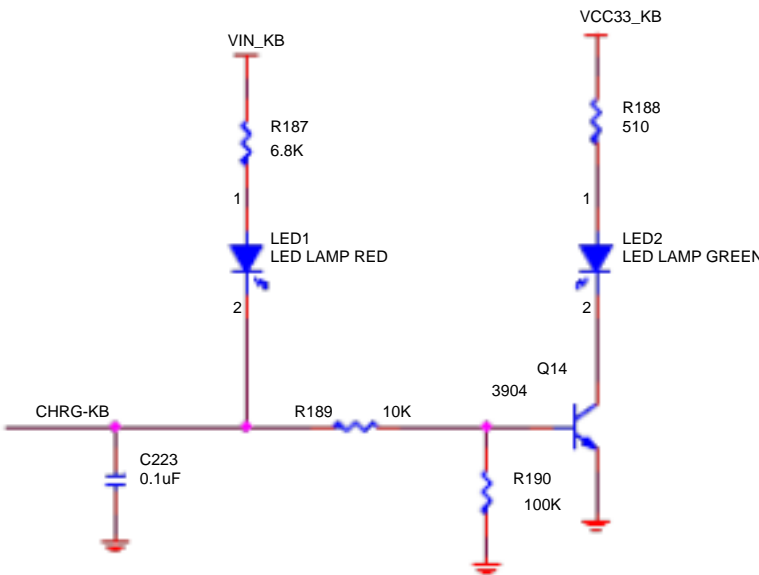
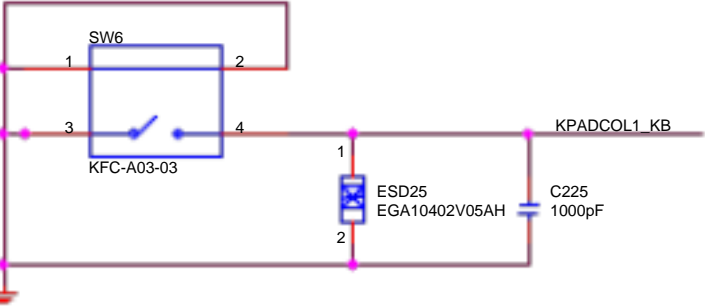
MENU



Volume +



Volume -



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