

A

B

C

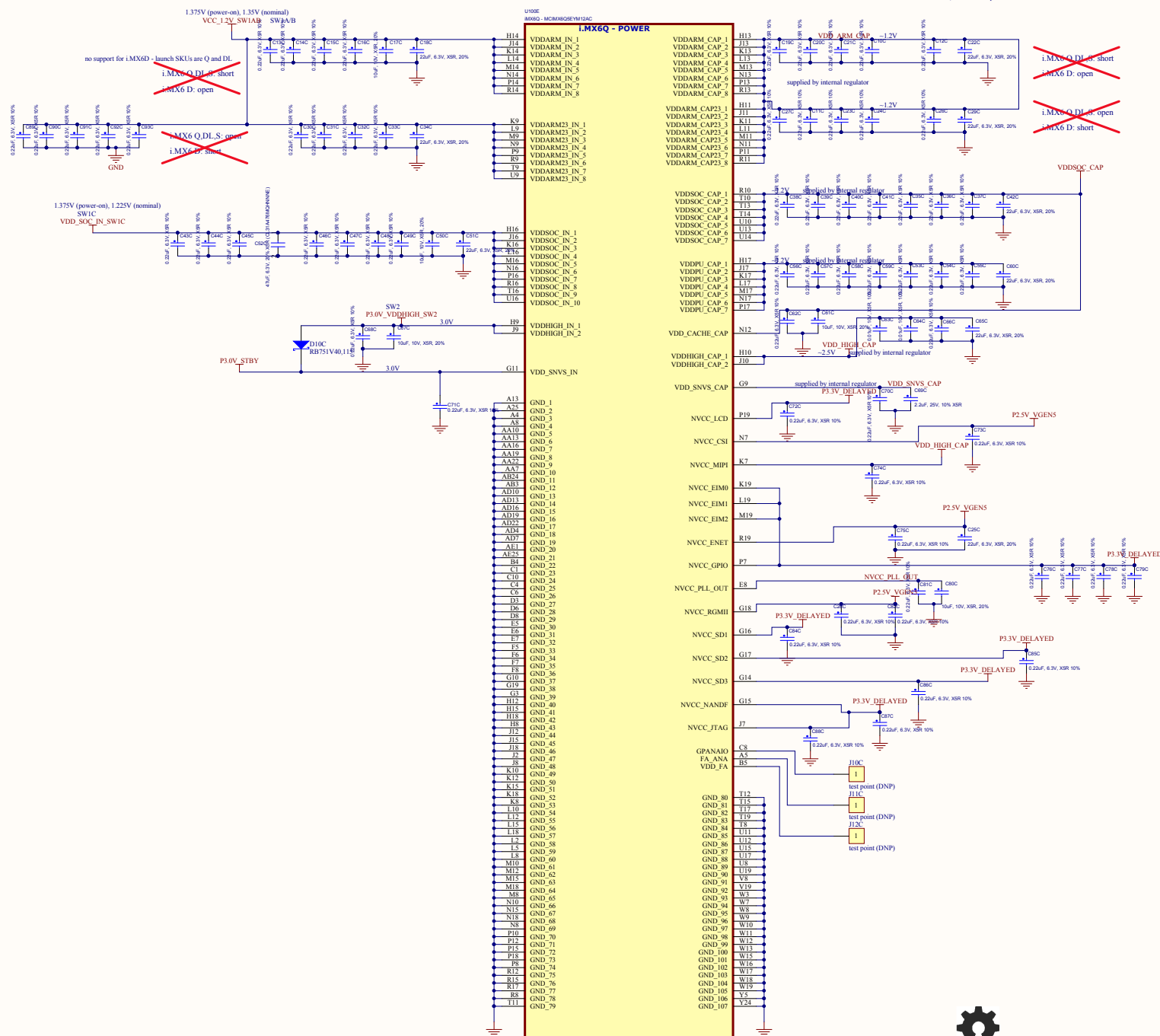
D

NTLOGO

Novena Logo



File name	Filetype	dependent devices	Mount	derived from	Sequence	generated by	Capacity	Notes
PS.DV_001	DV	USB anti. option	USB anti. DELAYED	anti	0170700	0.5A		USB_PARENT_N, all of main bus
PS.DV_005B1X1	DV	external USB	USB anti. DELAYED	anti	0170710B00	1.5A		USB_PARENT_N, all of main bus
PS.DV_005B1X2	DV	external USB	USB anti. DELAYED	anti	0170710B00	1.5A		USB_PARENT_N, all of slave bus
PS.DV_005C	DV	on-board	PS.DV_005B1X1	anti	0170700	0.5A		USB_PARENT_N, all of slave bus
PS.DV_005D	DV	on-board	PS.DV_005B1X1	anti	0170700	0.5A		USB_PARENT_N, all of slave bus
USB_VD_000	DV	video camera	USB anti. DELAYED	anti	0170700	0.5A		USB_PARENT_N, all of slave bus

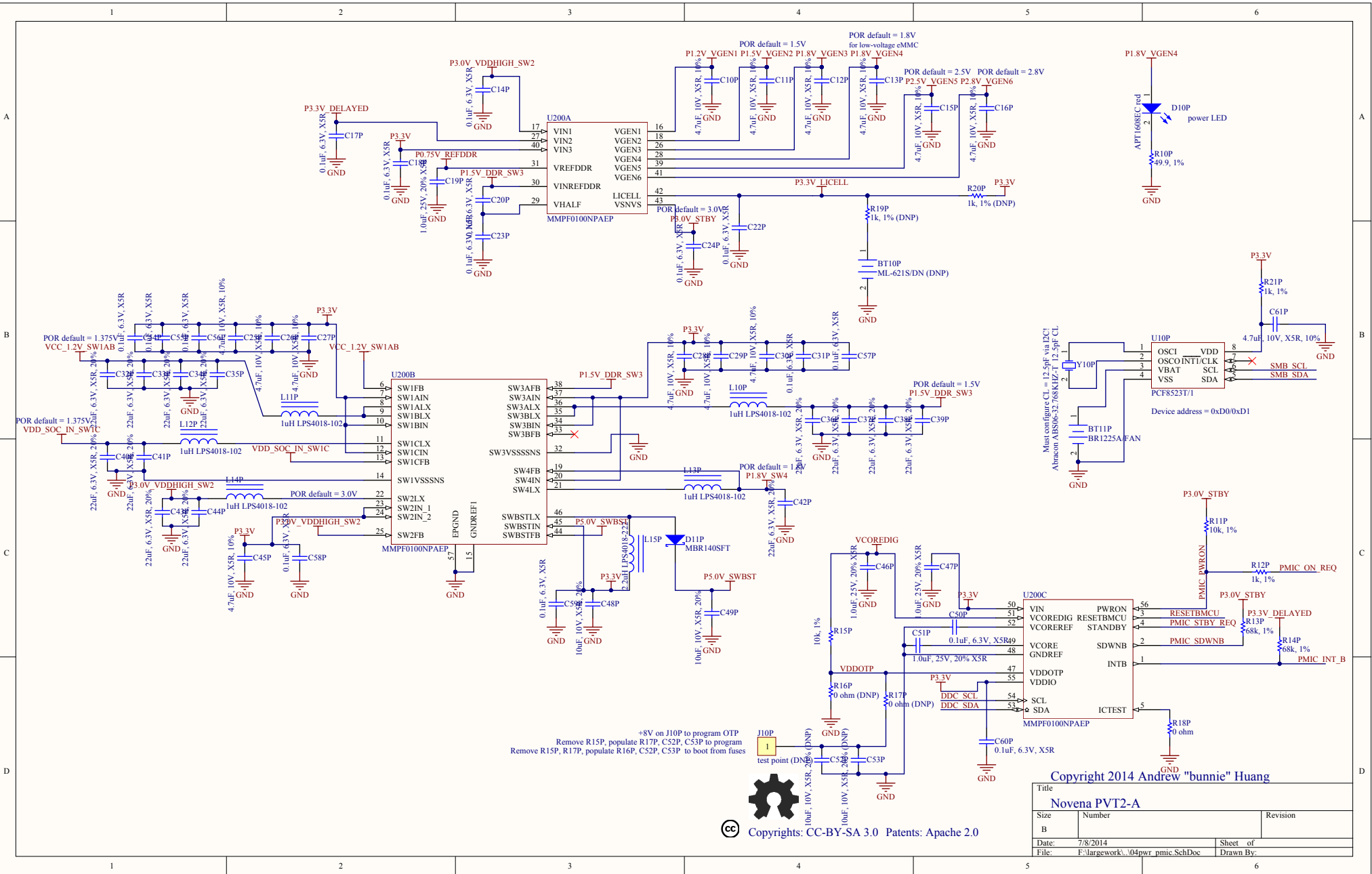


Note: 22uF, 6.3V 0603 cap is TDK C1608X5R0J226M

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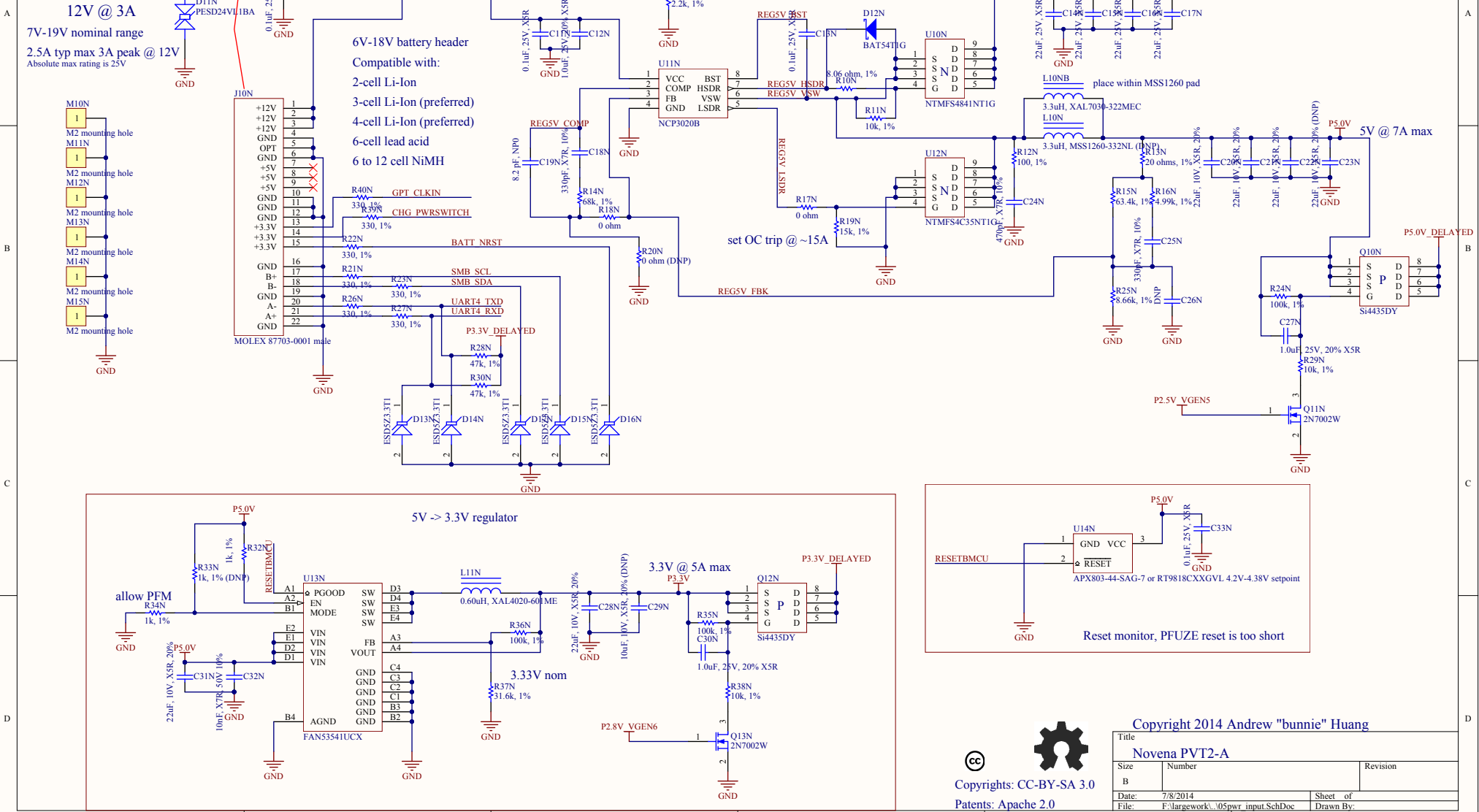
Title Novena PVT2-A			
Size C	Number		Revision
Date: 7/8/2014	File: F:\argework\02cpu_powerSchDoc		Sheet of: Drawn By:

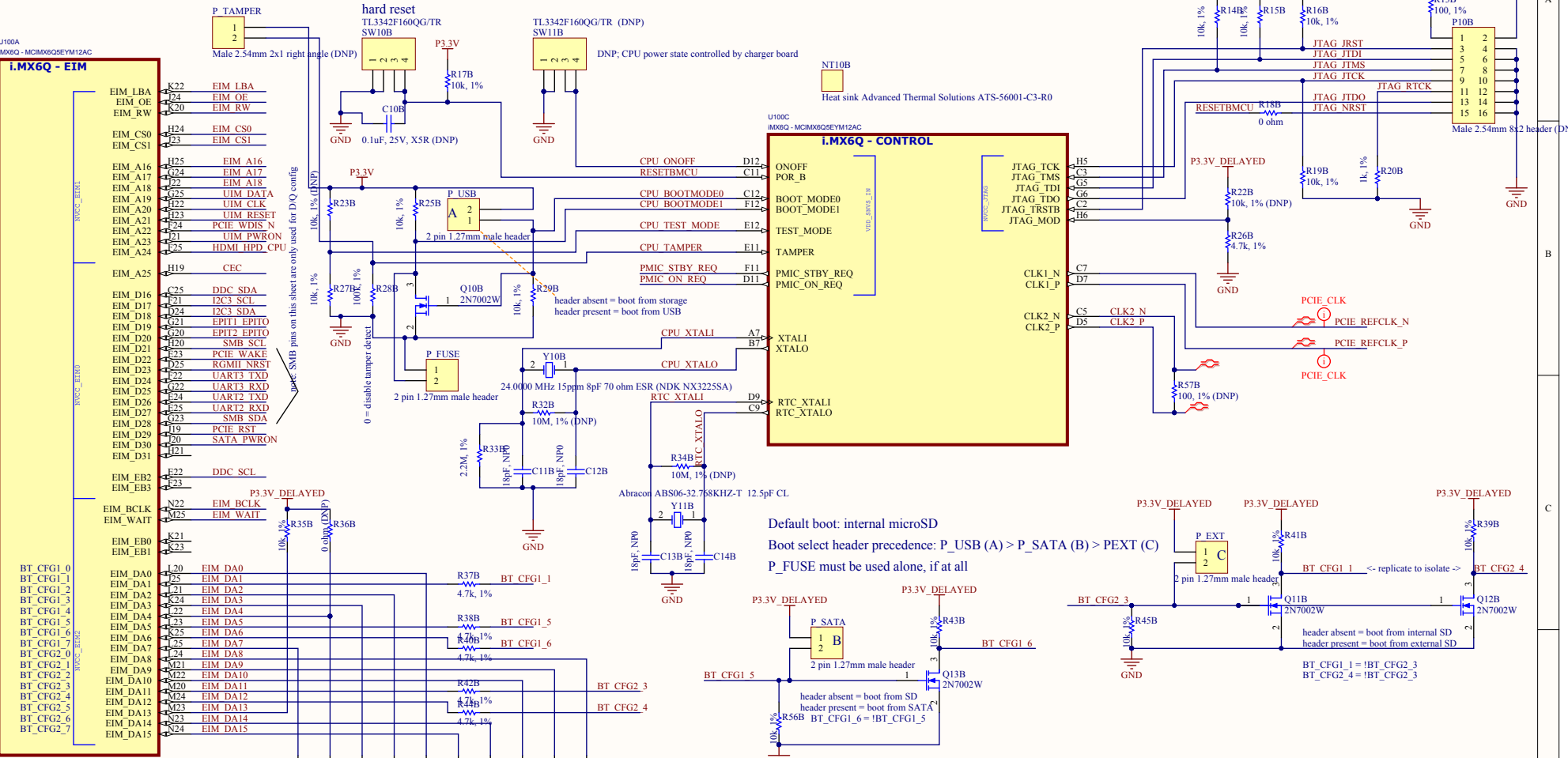




Note: Do not use JP10N power plug when plugged into charger/battery board via J10N!!!

Note: use R31N only in fixed installations. Remove if used with battery (rely on battery MCU to guarantee input cap discharge)

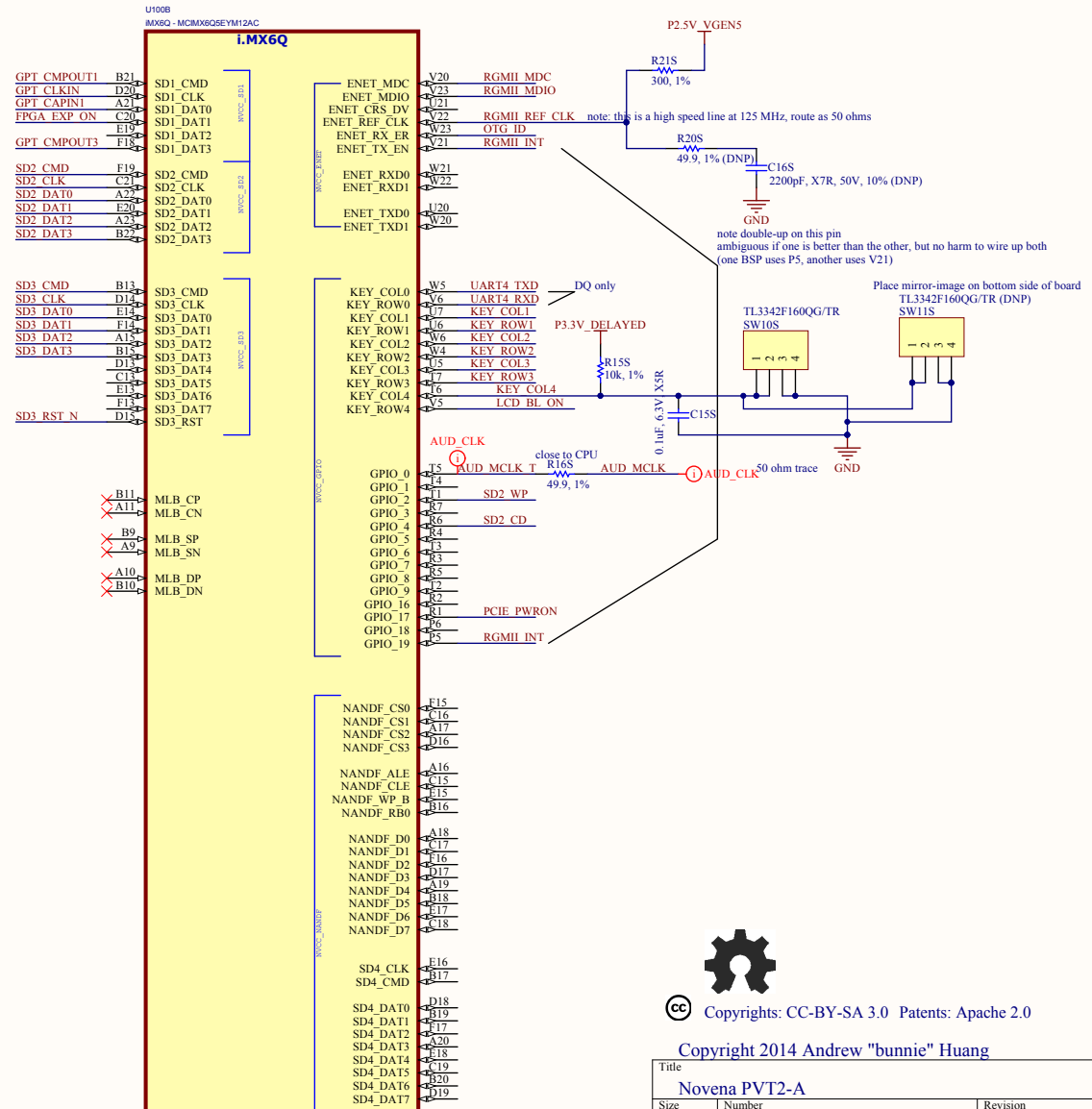
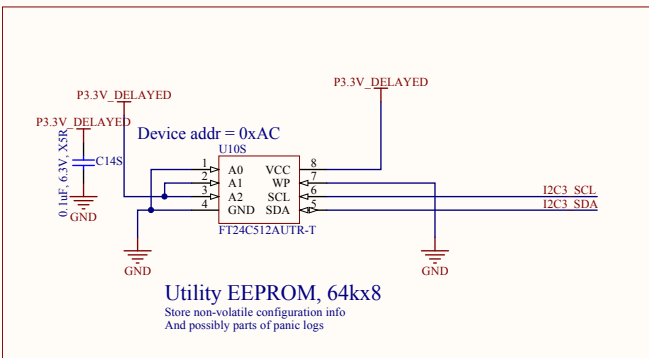
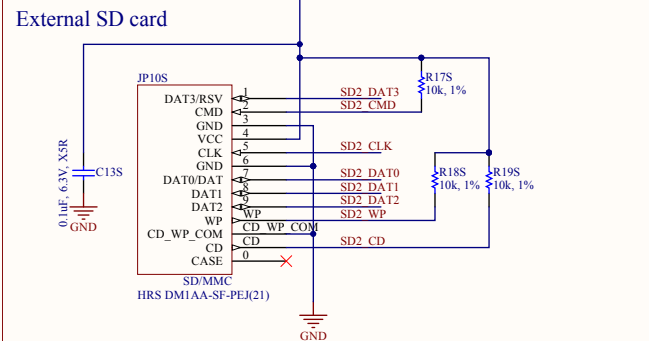
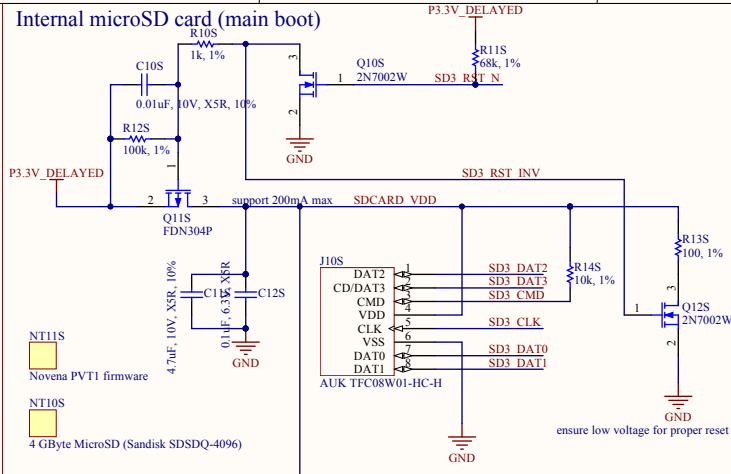







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Size B	Number	Revision
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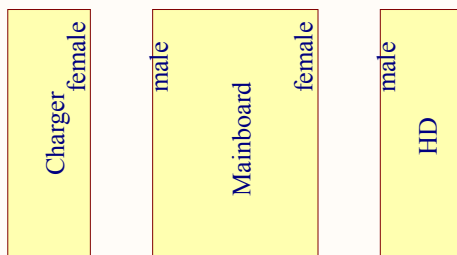


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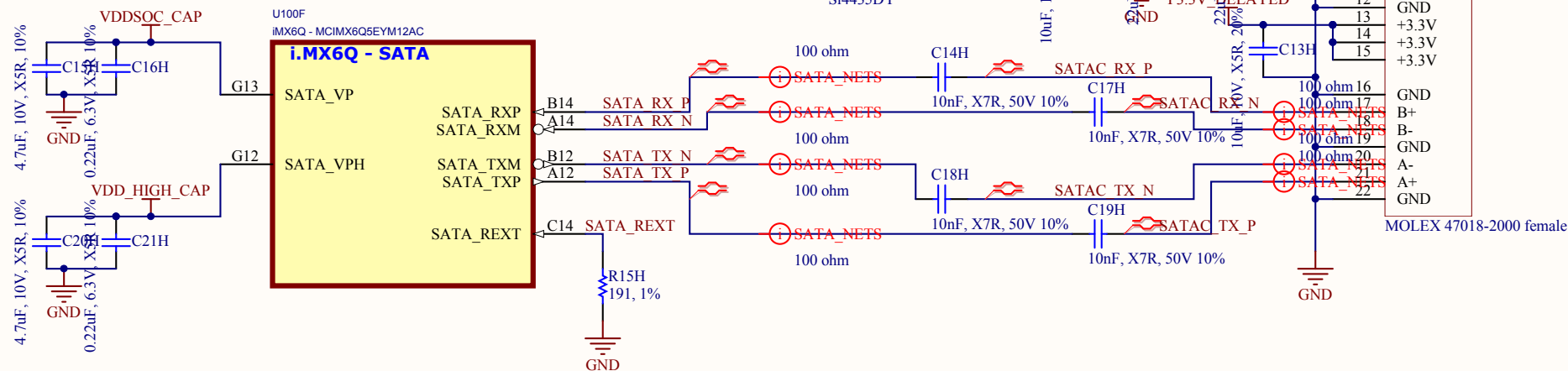
Title Novena PVT2-A		
Size B	Number	Revision
Date: 7/8/2014	Sheet of	
File: F:\largework\07\sdcard SchDoc	Drawn By:	

SATA connector arrangement



uses M-F extender combo cables

For boot: compatible ONLY with SATA-II (3Gbps) drives
Optimized for use with SSDs

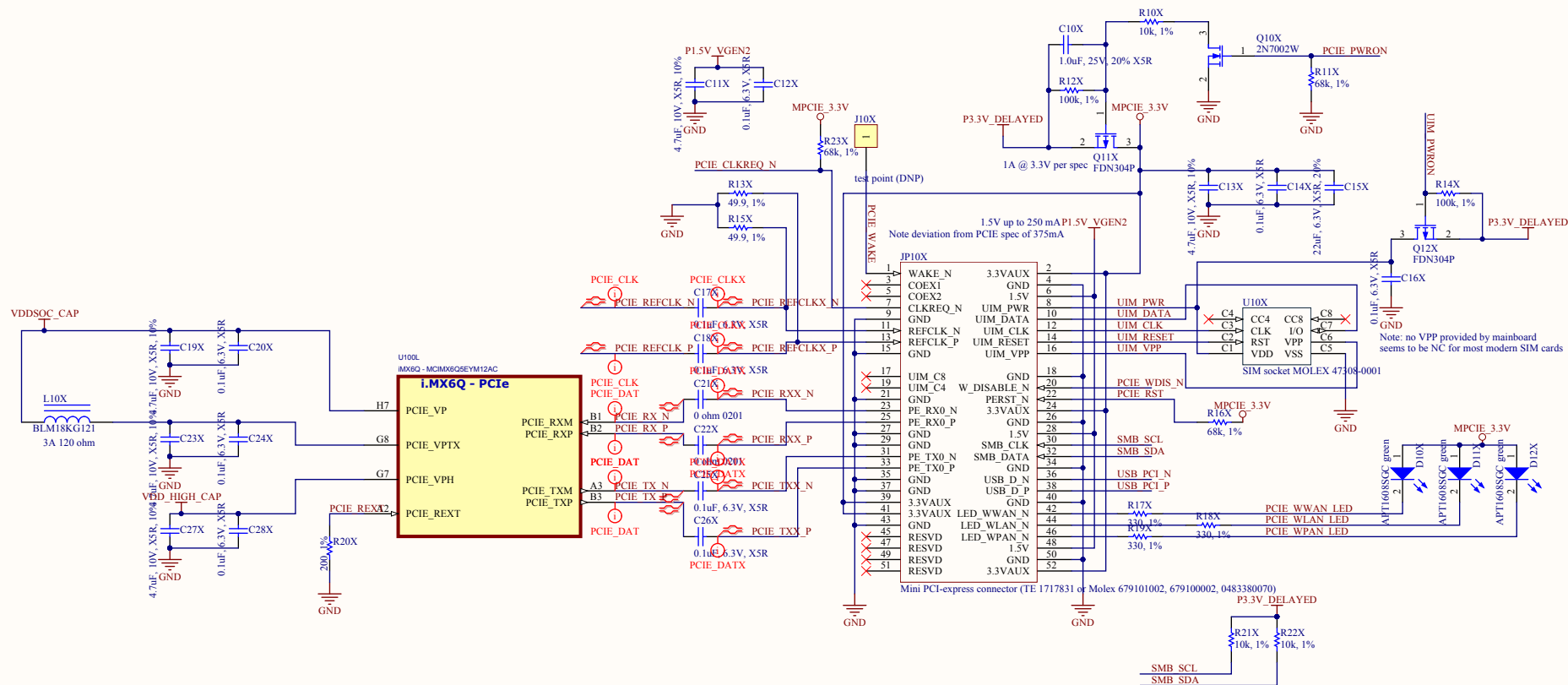


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Wifi plug-in card symbol placeholders

NT10X

DNXA-125 or DNXA-95 PCIe half-sized card, unex.com.tw

NT11X

U.FL 2.5GHz antenna

NT12X

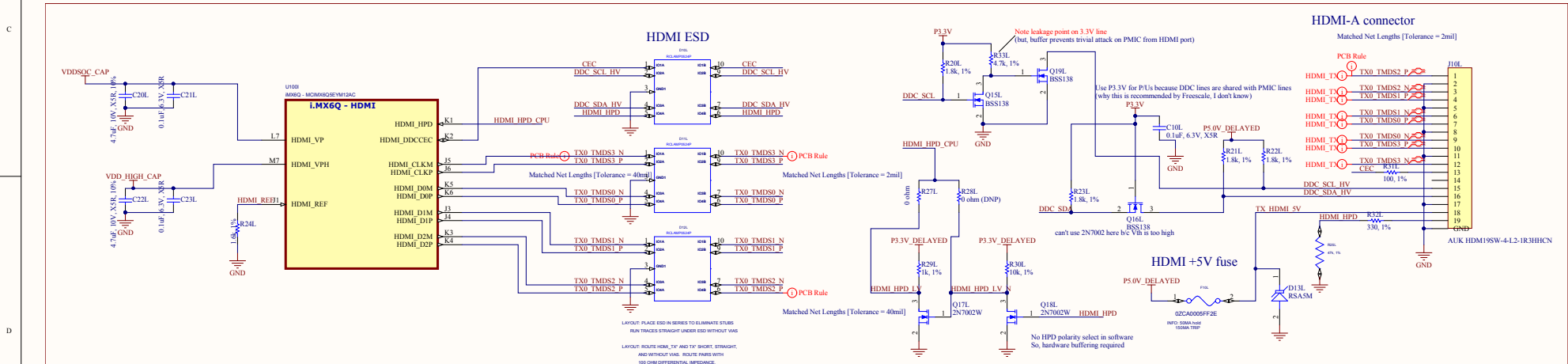
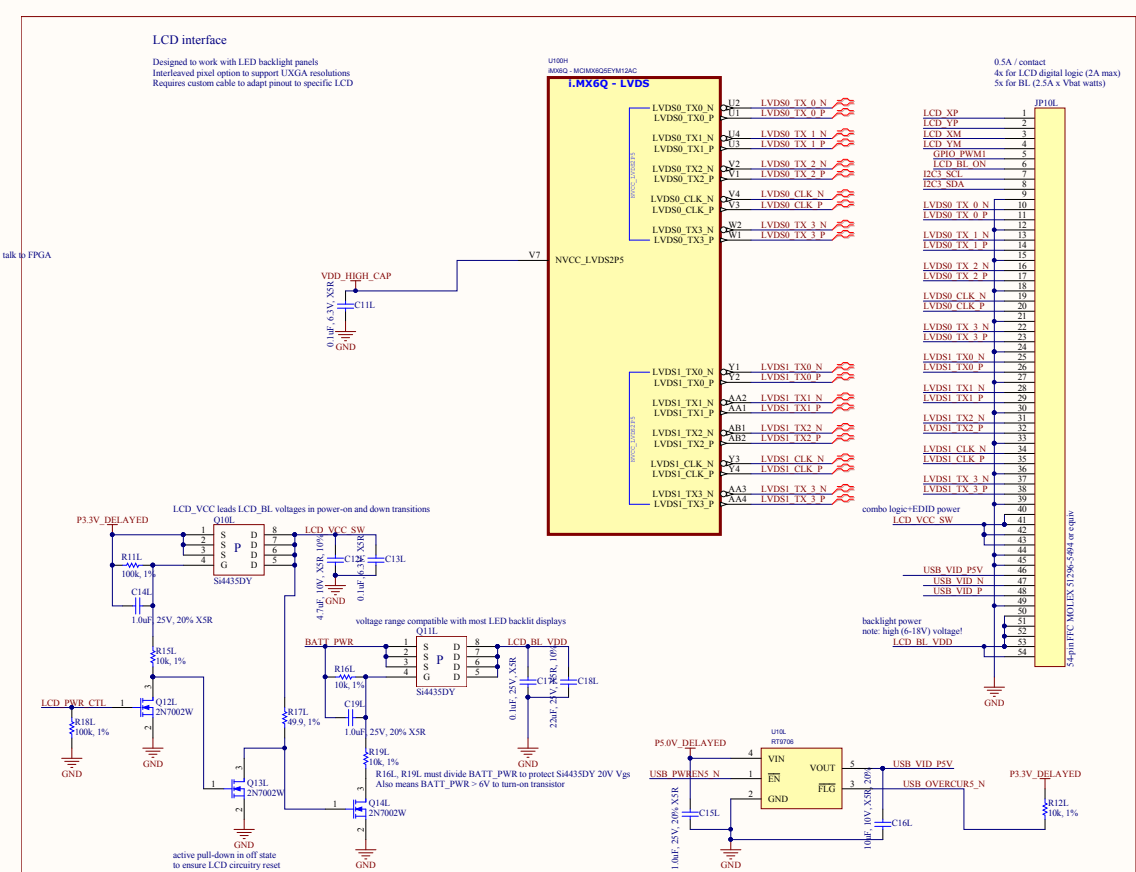
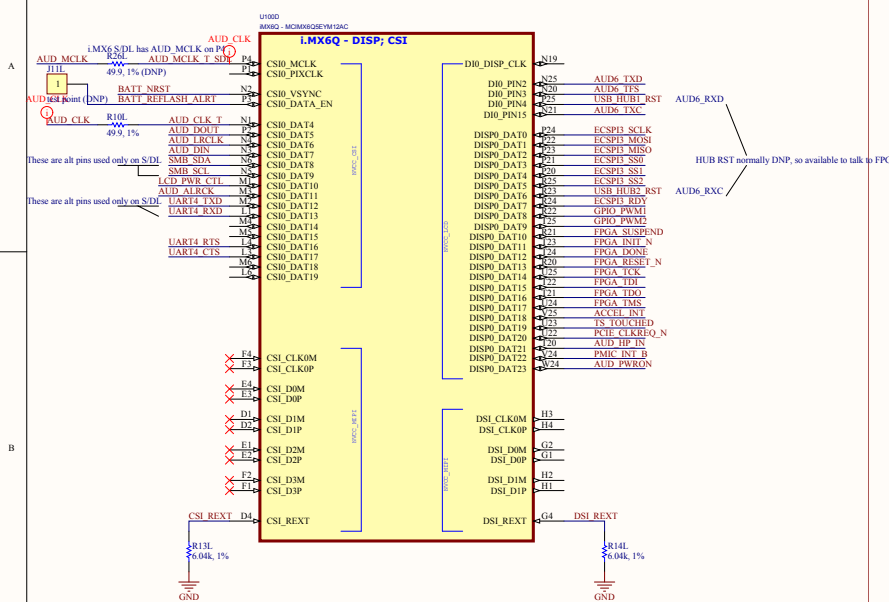
U.FL 2.5GHz antenna

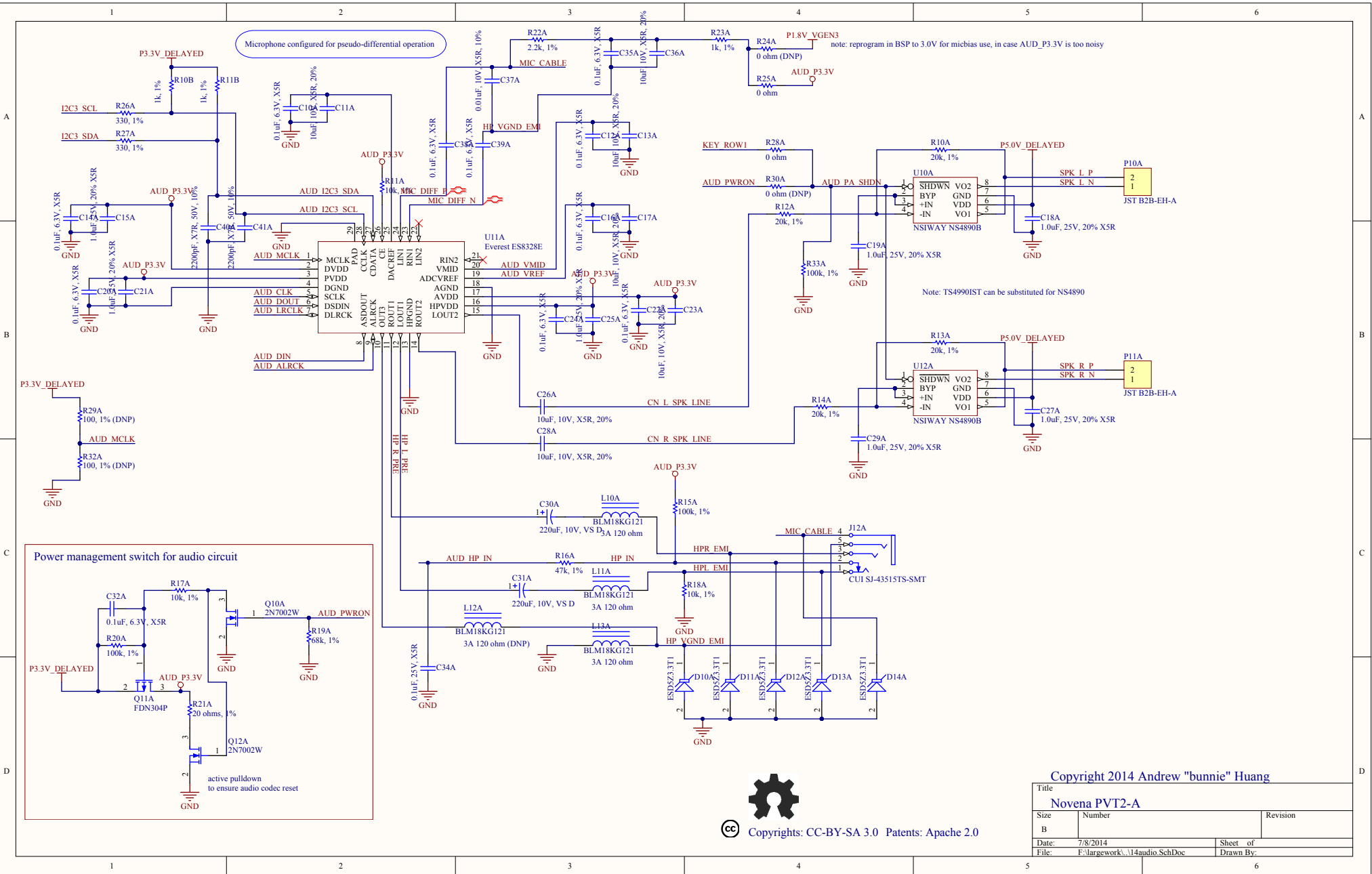
Use ath9k-compatible PCIe card
Suggestions at left are for b/g/n 1x1 low-cost solution
Other options exist for a/b/g/n 2x2, 3x3 MIMO + BT combo
(note BT combo is via mPCIe embedded USB interface)

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