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U_02cpu_power 02cpu_power.SchDoc 	U_06cpu_soc 06cpu_soc.SchDoc 	U_10ethernet100 10ethernet100.SchDoc 
U_03cpu_sodium 03cpu_sodium.SchDoc 	U_07sdcard 07sdcard.SchDoc 	U_11ethernetGbit 11ethernetGbit.SchDoc 
U_04pwr_pmic 04pwr_pmic.SchDoc 	U_08usb 08usb.SchDoc 	U_12mPCIe 12mPCIe.SchDoc 
U_05pwr_input 05pwr_input.SchDoc 	U_09sata 09sata.SchDoc 	U_13hdmi_lcd 13hdmi_lcd.SchDoc 

chip name	chip	dependent blocks	sheet	derived from	sequence	generated by	capacity	notes
PS_V0_WBFI	0V	USB ext option	04bch	PS_V0_DELAYED	act	RT7070	0.5A	USB_FORWARD, N of ext main bus
PS_V0_USBEXT1	0V	external USB	04bch	PS_V0_DELAYED	act	RT7071H100	1.5A	USB_FORWARD, N of main bus
PS_V0_USBRT2	0V	internal USB	04bch	PS_V0_DELAYED	act	RT71100	1.5A	USB_FORWARD, N of slave bus
PS_V0_MOVE	0V		04bch	PS_V0_DELAYED	act	RT7070	0.5A	USB_FORWARD, N of slave bus
PS_V0_USB	0V	usbchip	04bch	PS_V0_DELAYED	act	RT7070	0.5A	USB_FORWARD, N of slave bus
USB_V0_PVSE	0V	video camera	04bch_1st	PS_V0_DELAYED	act	RT7070	0.5A	USB_FORWARD, N of slave bus

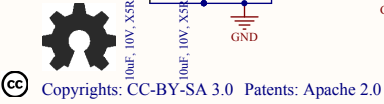
P1.8V_VGEN3 micbias gen option
(reprogram to 3.0V before using)



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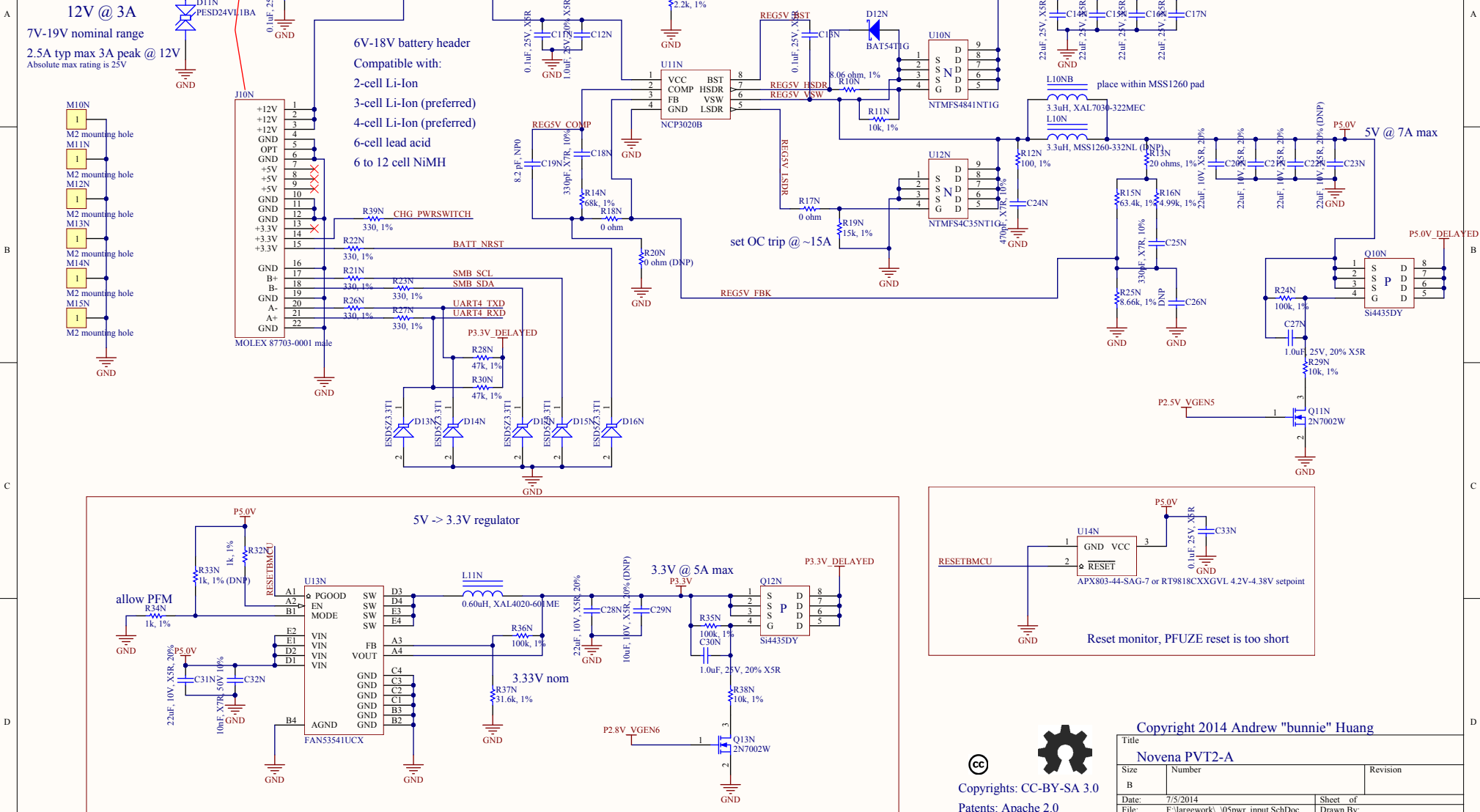
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Note: Do not use JP10N power plug when plugged into charger/battery board via J10N!!!

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



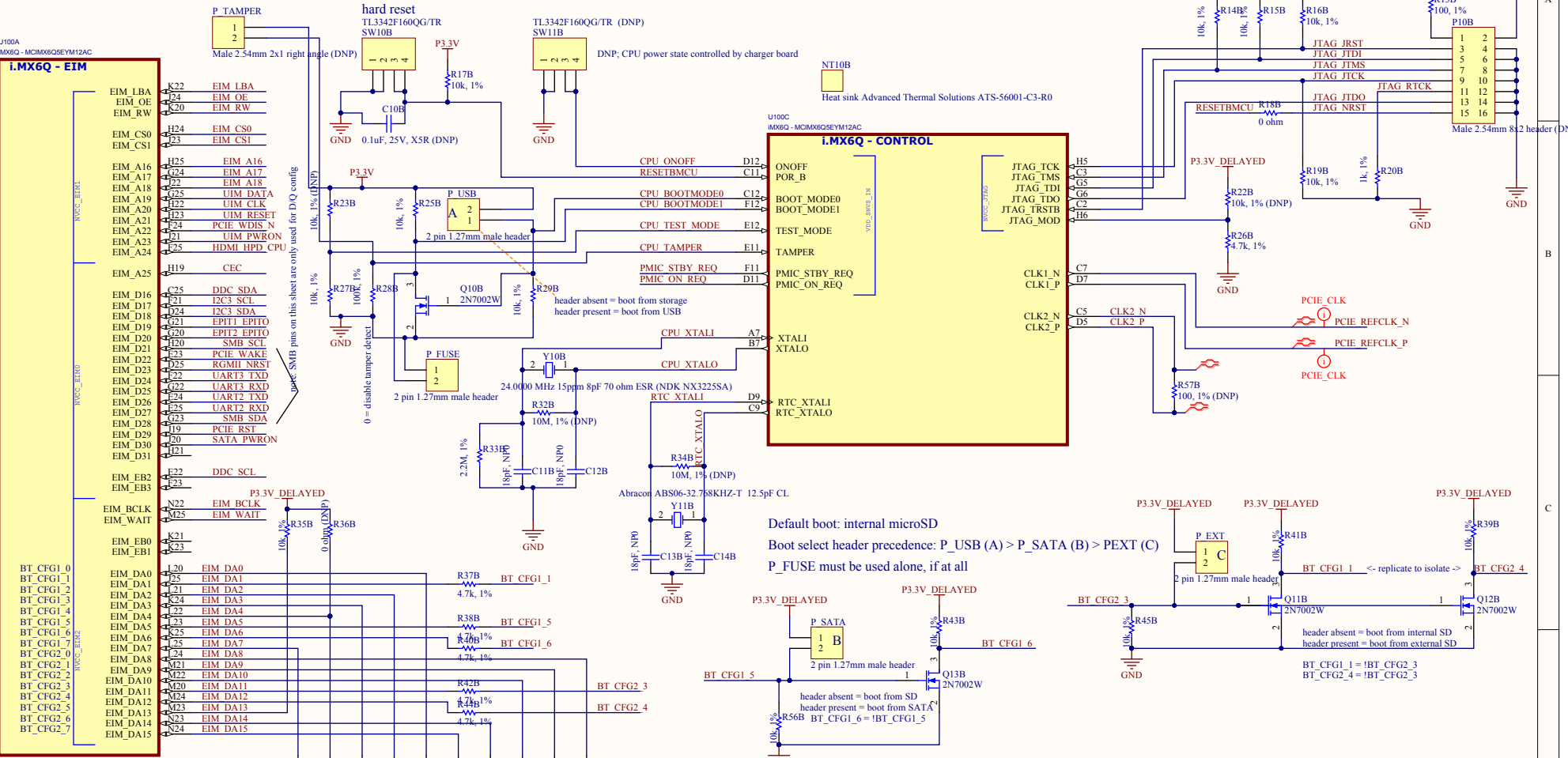
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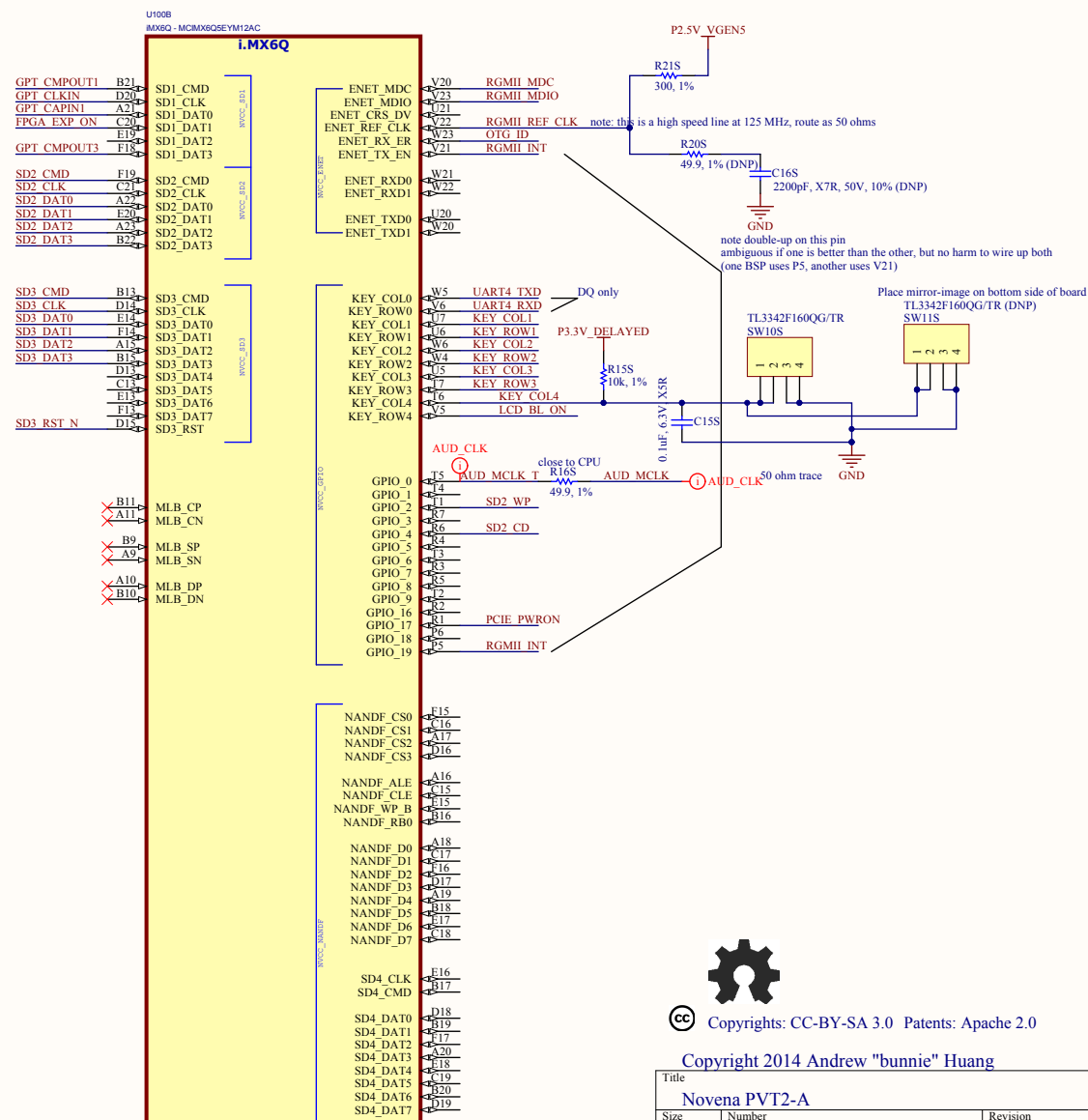
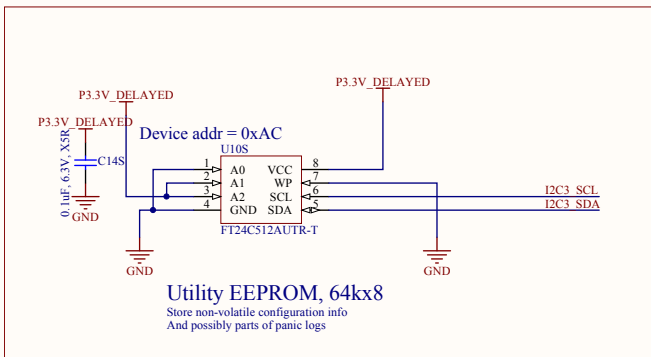
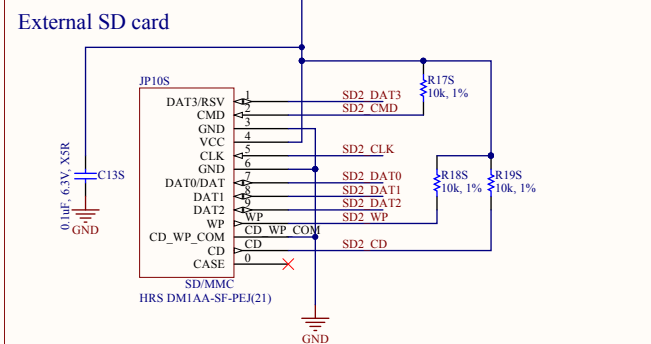
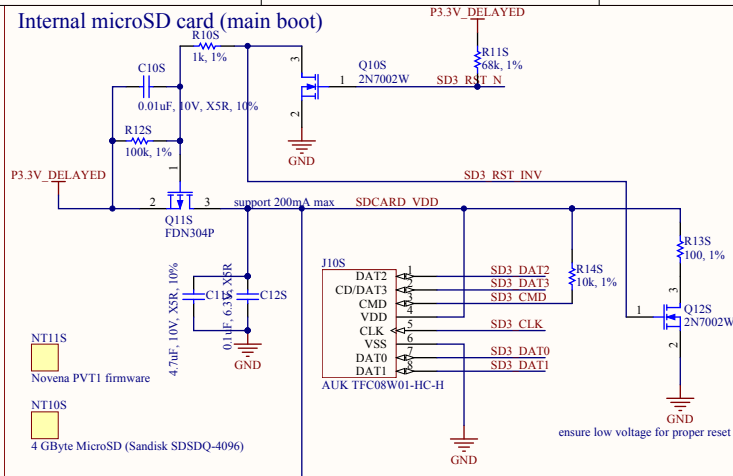
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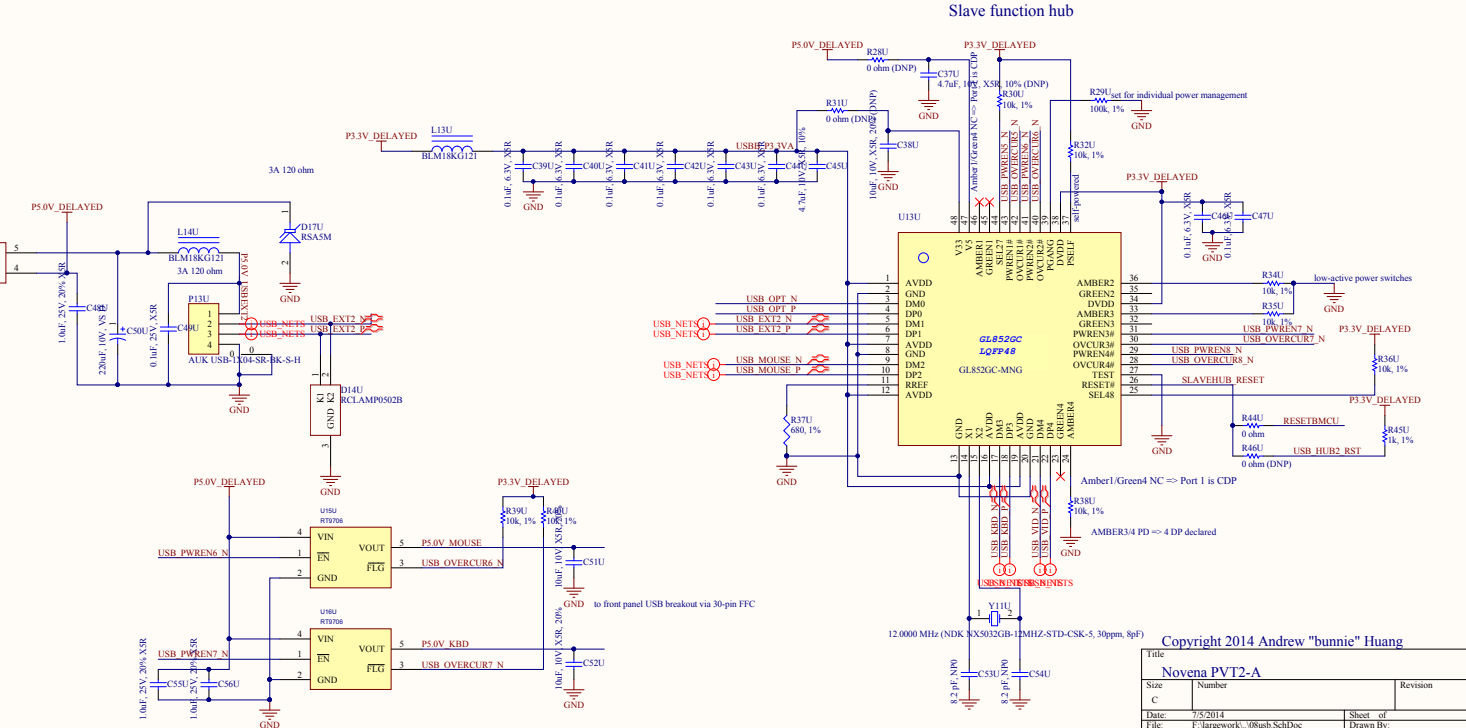
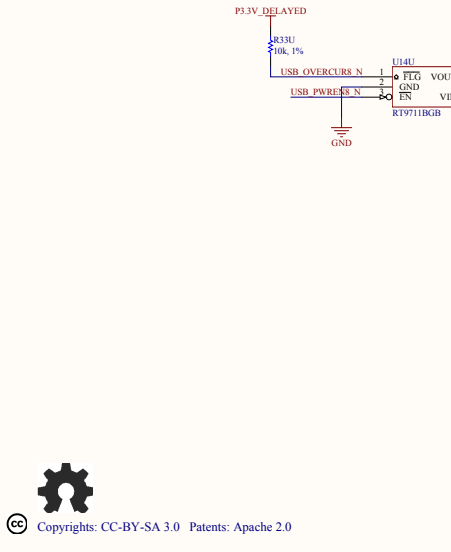
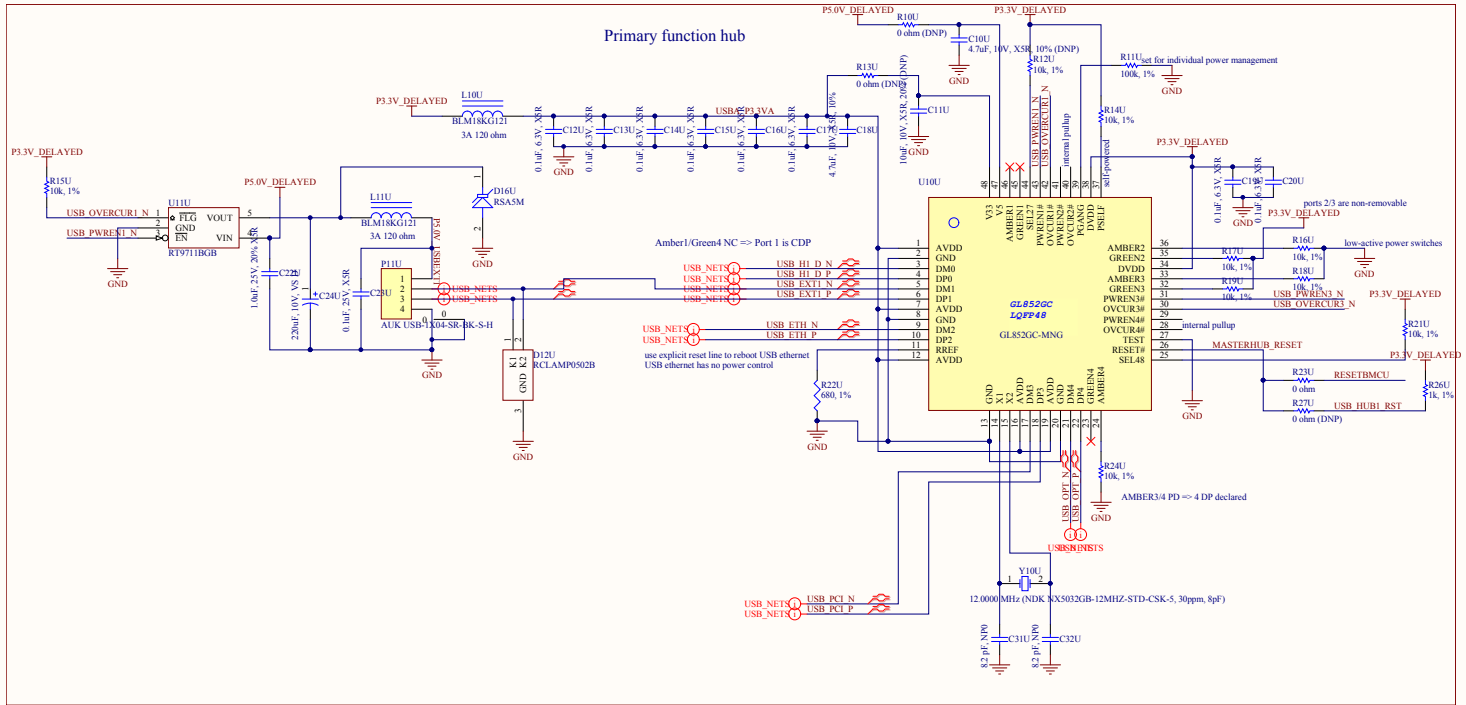
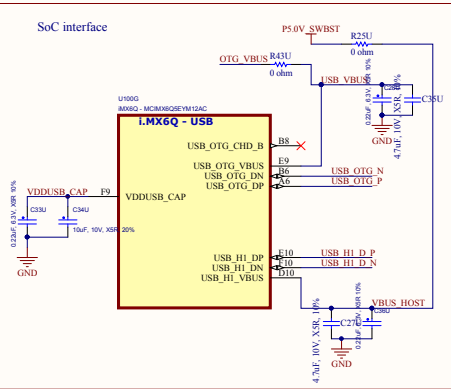
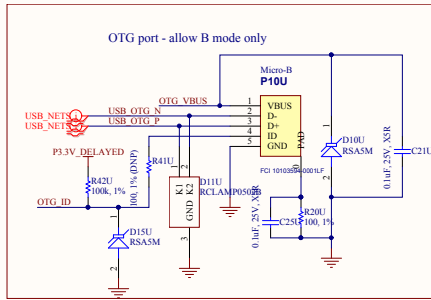
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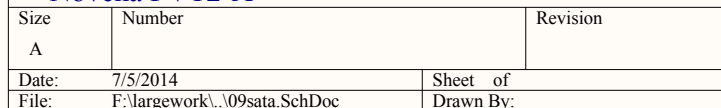
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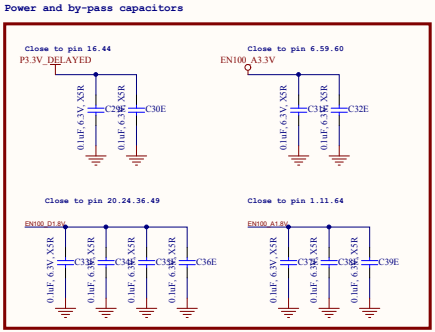
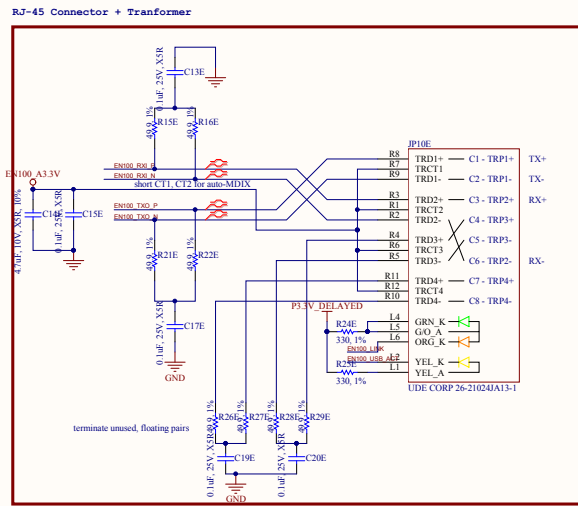
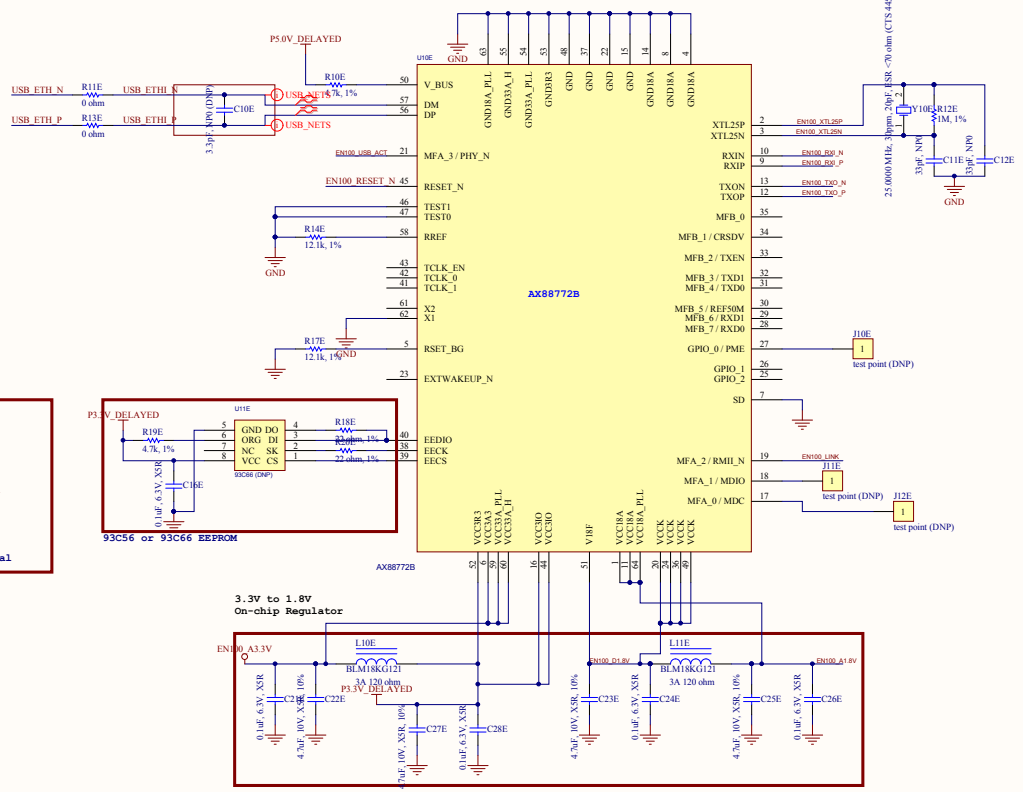
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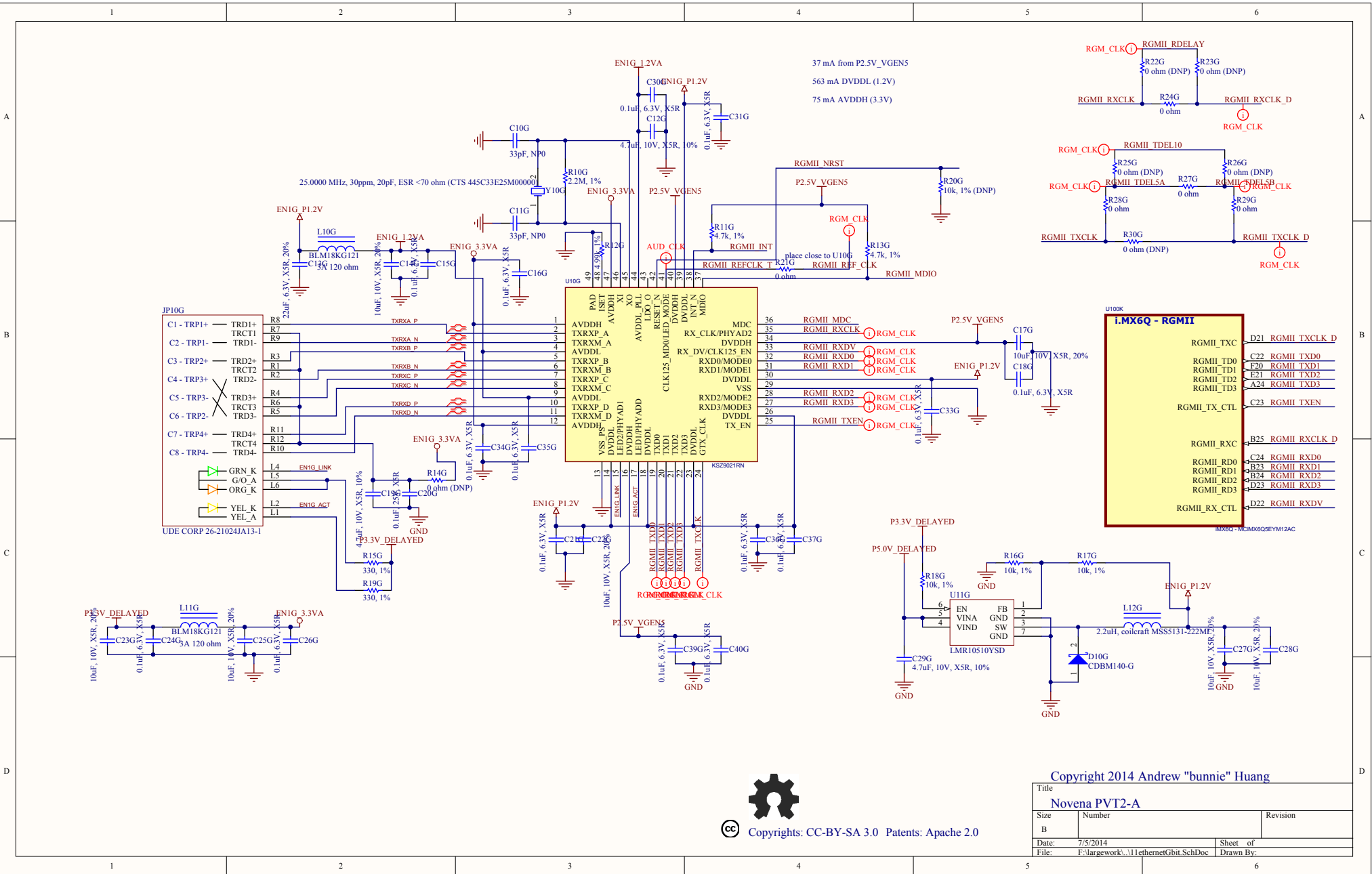




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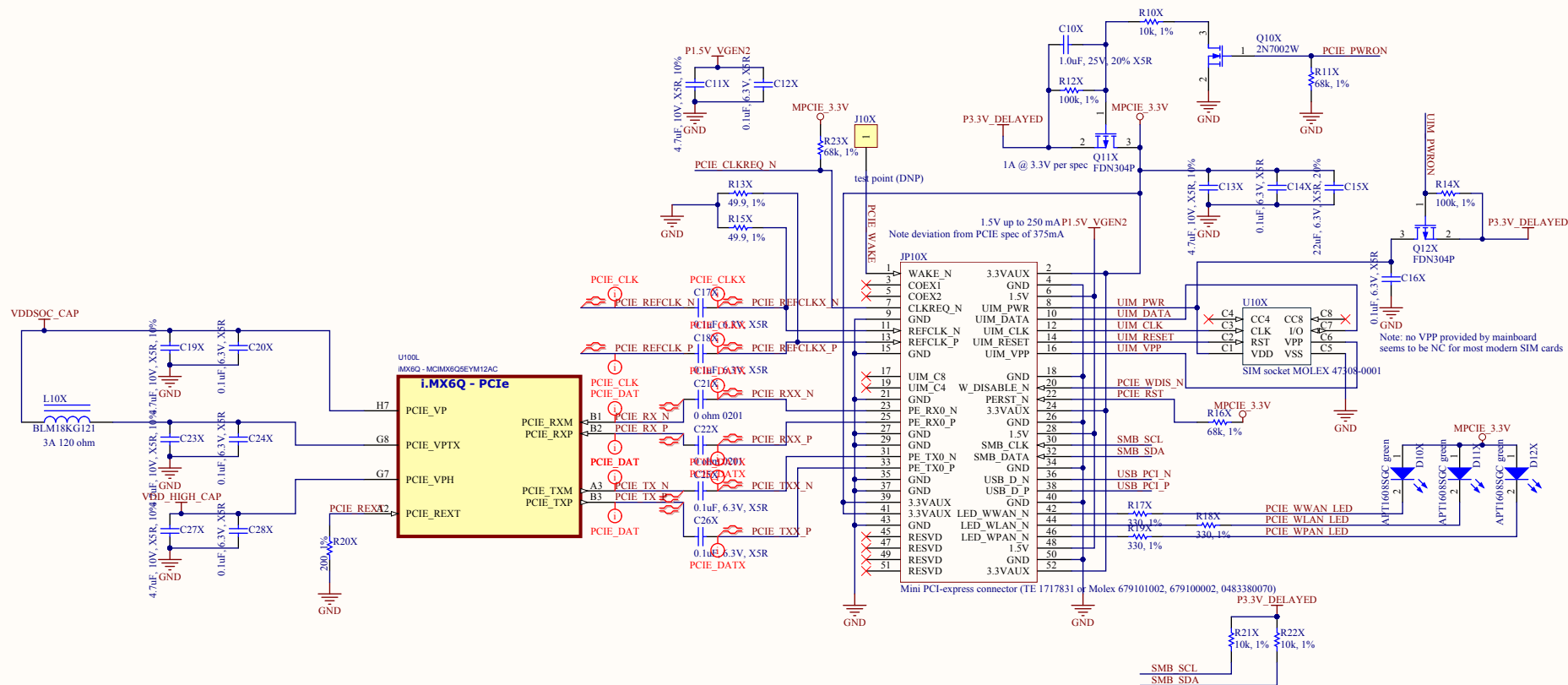
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Wifi plug-in card symbol placeholders

NT10X

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

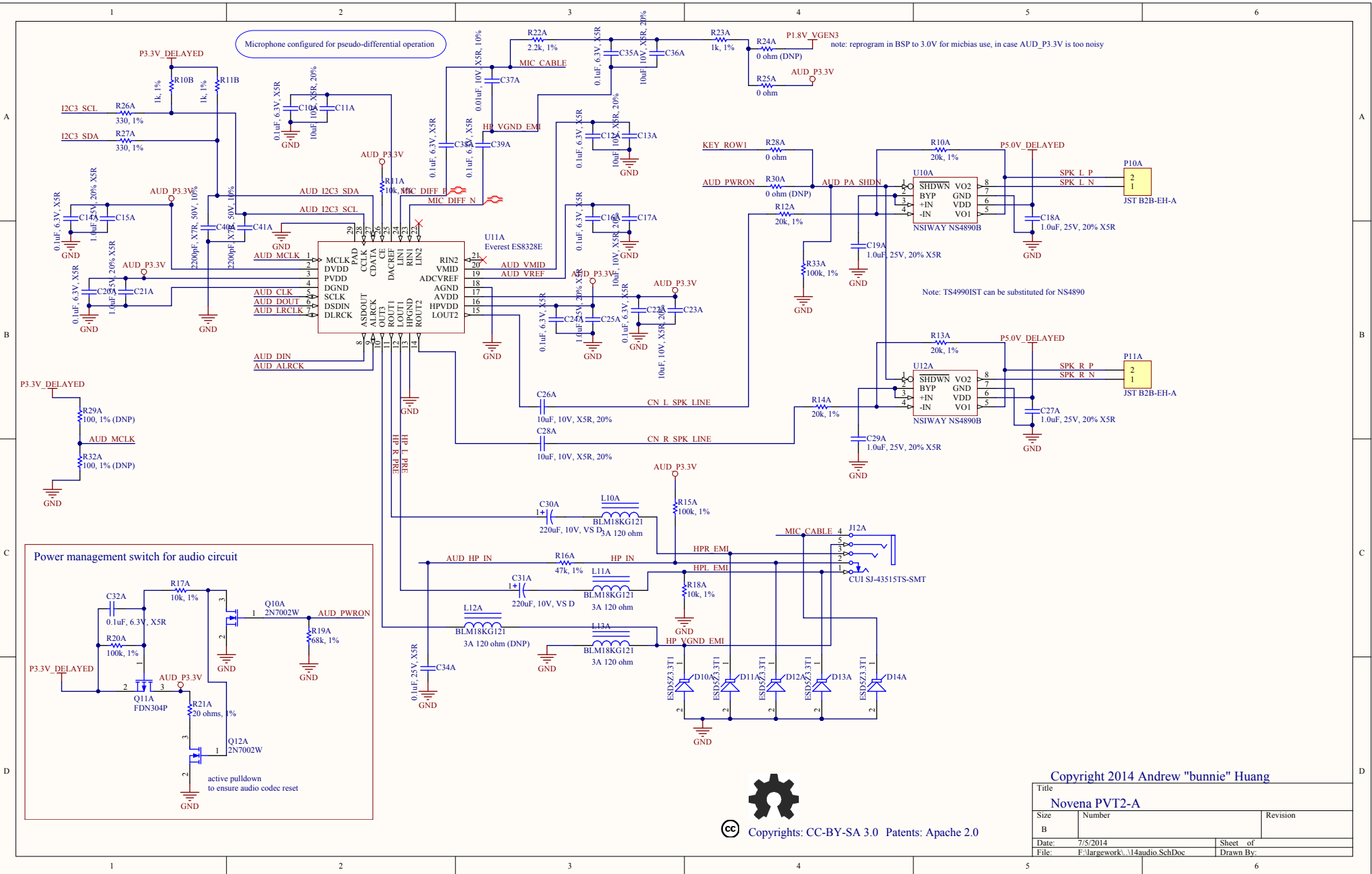
NT11X

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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