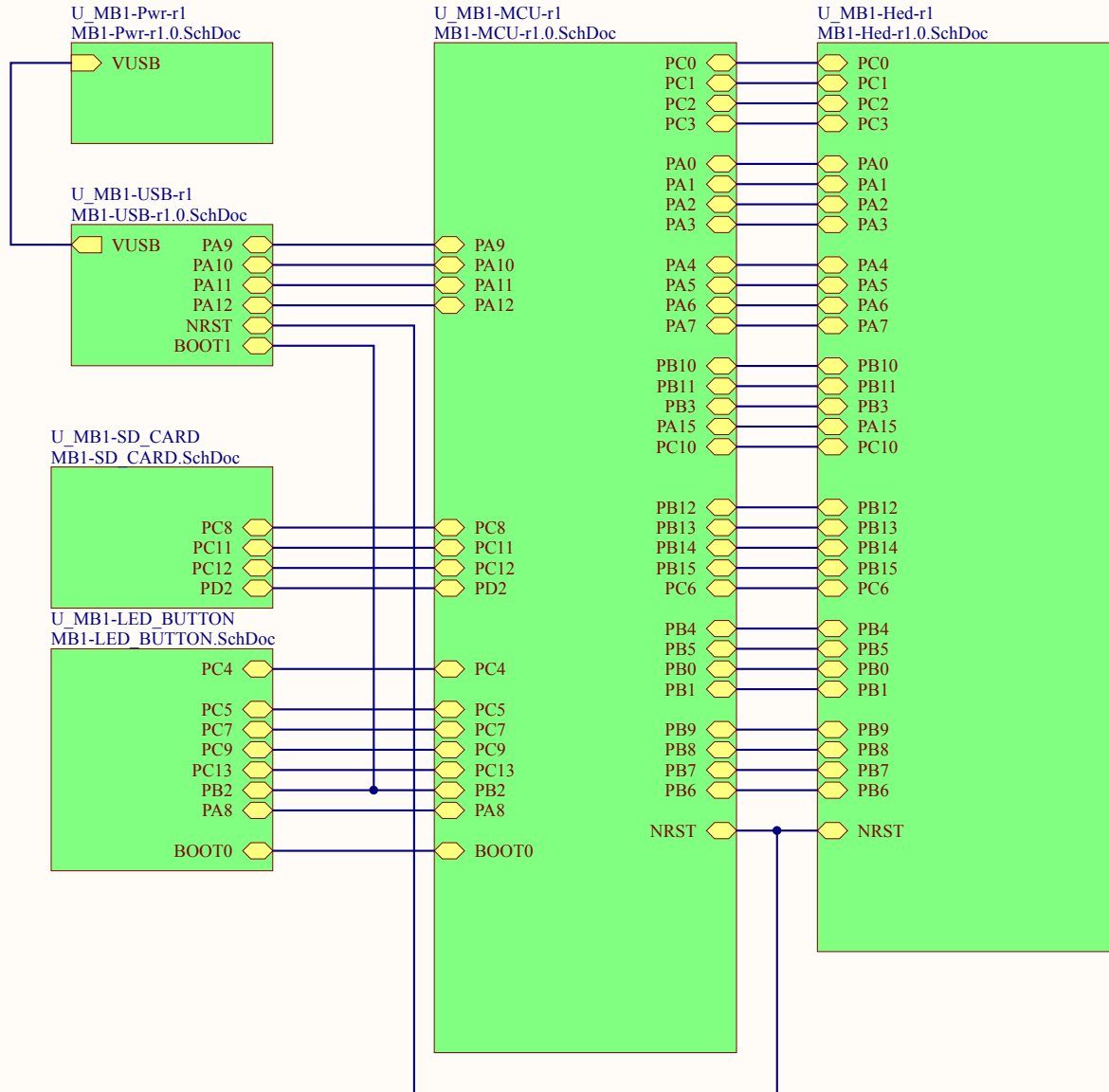
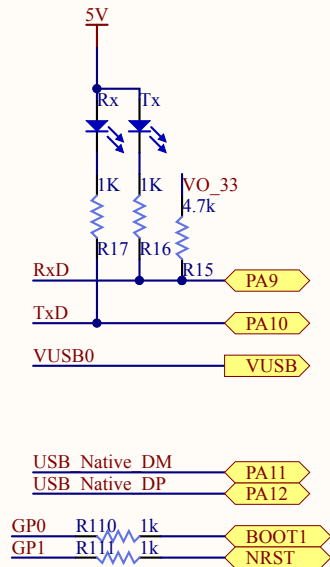
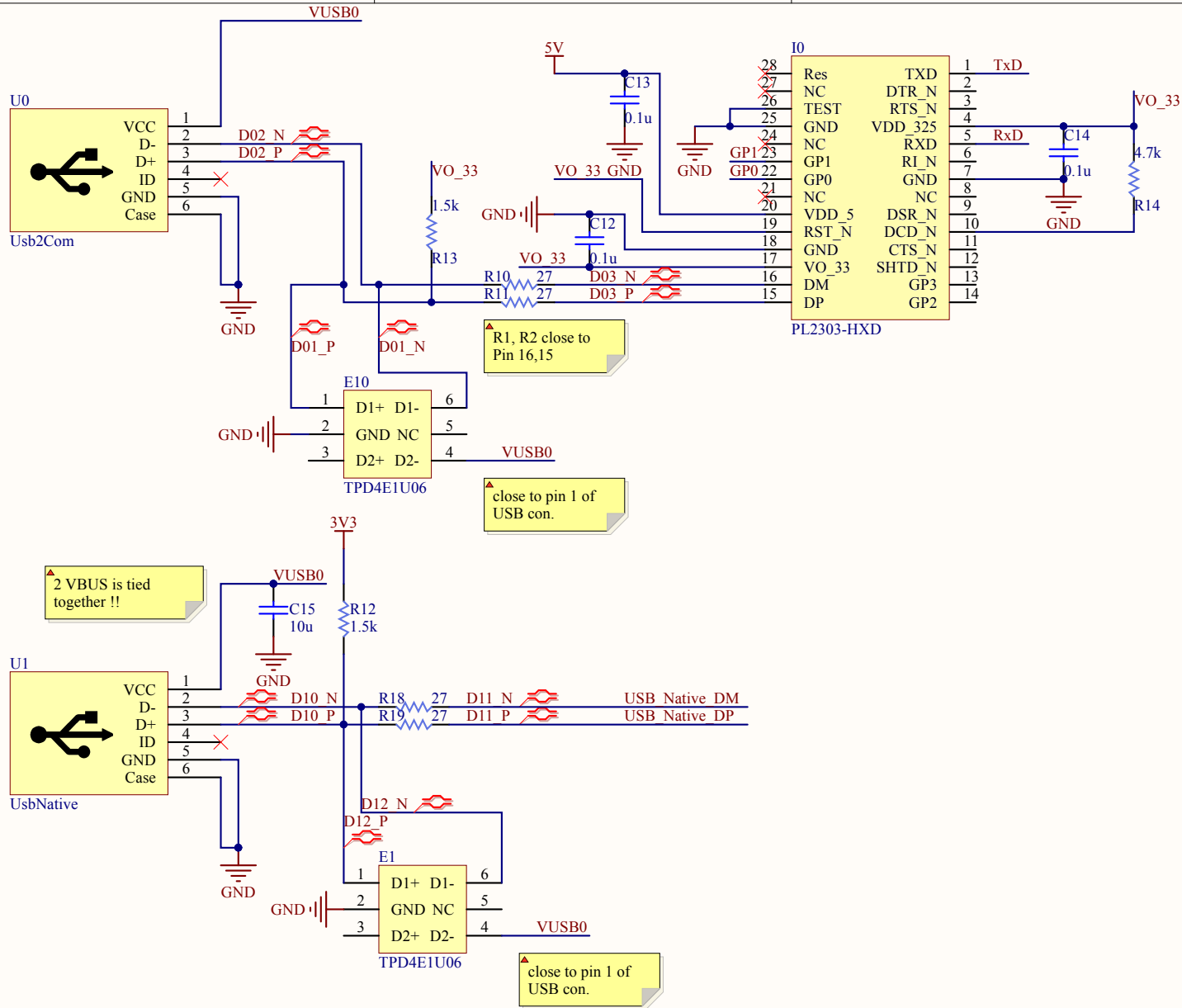


▲ Global Net:
- Vin
- 5V
- 3V3
- GND
Modules' number:
- MCU : 0
- USB : 1
- Pwr : 2
- Hed : 3
- uSD : 4
- Led&Btn : 5

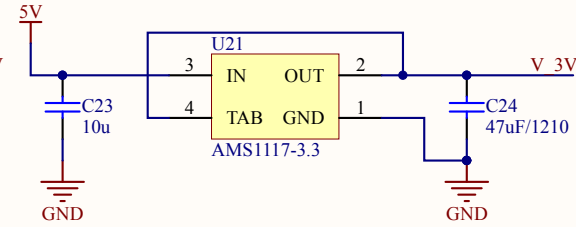
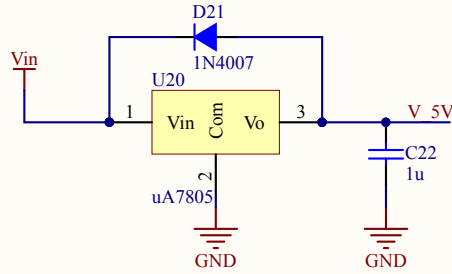
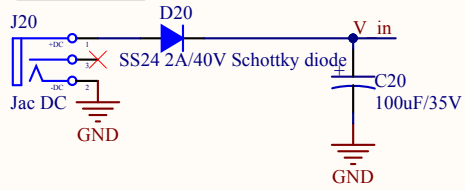


Title HLib - MBoard1		
Size A	Number	Revision 1.0 (prototype)
Date: 9/20/2013	Sheet 1 of 7	
File: D:\Study\...\MBoard1-R1.0.SchDoc	Drawn By: MBoard team	



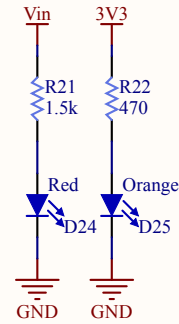
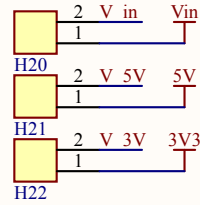
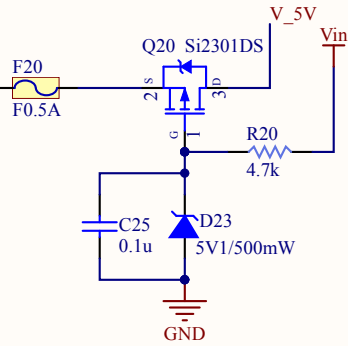
Title USB2Com & USB Native		
Size A	Number	Revision 1.0 (prototype)
Date:	9/20/2013	Sheet 3of 7
File:	D:\Study\...\MB1-USB-r1.0.SchDoc	Drawn By: MBoard team

Vin : 7V - 25V



VUSB

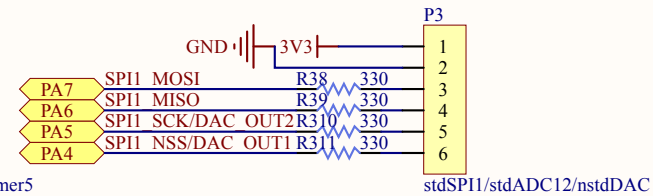
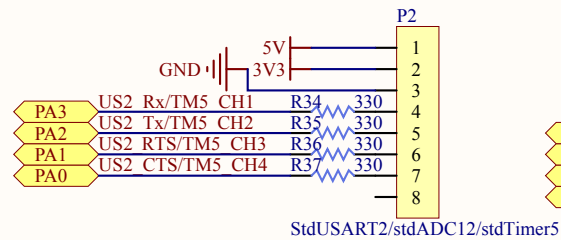
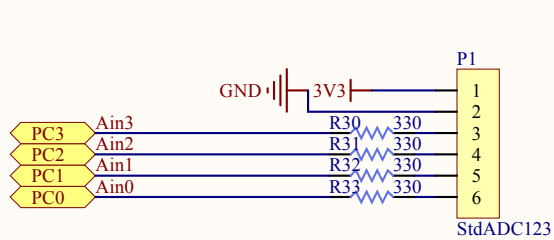
This'll close Q20 when VDC > 5V (VGS = 0.1V) and vice versa.



Title Power

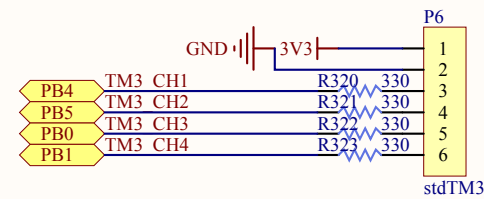
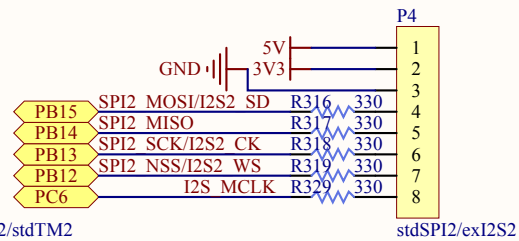
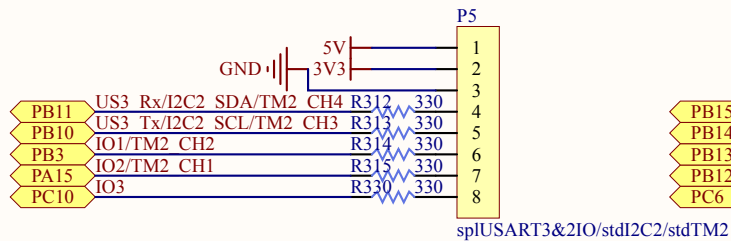
Size	Number	Revision
A		1.0 (prototype)
Date:	9/20/2013	Sheet 4 of 7
File:	D:\Study\...\MB1-Pwr-r1.0.SchDoc	Drawn By: MBoard team

A



A

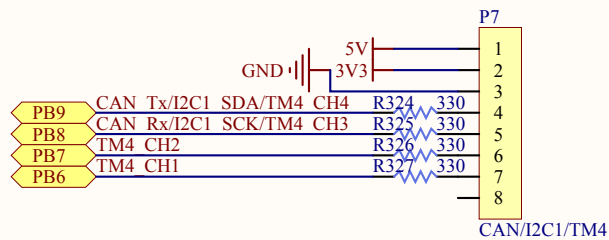
B



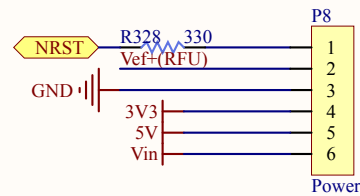
B

▲ TM2 has reversed order ! OK

C



▲ TM4 has reversed order ! OK

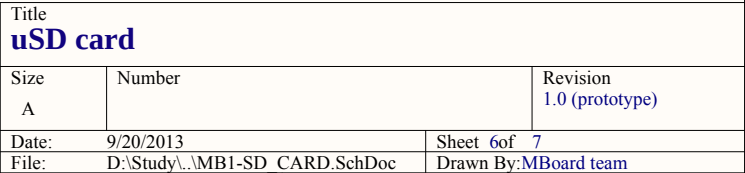


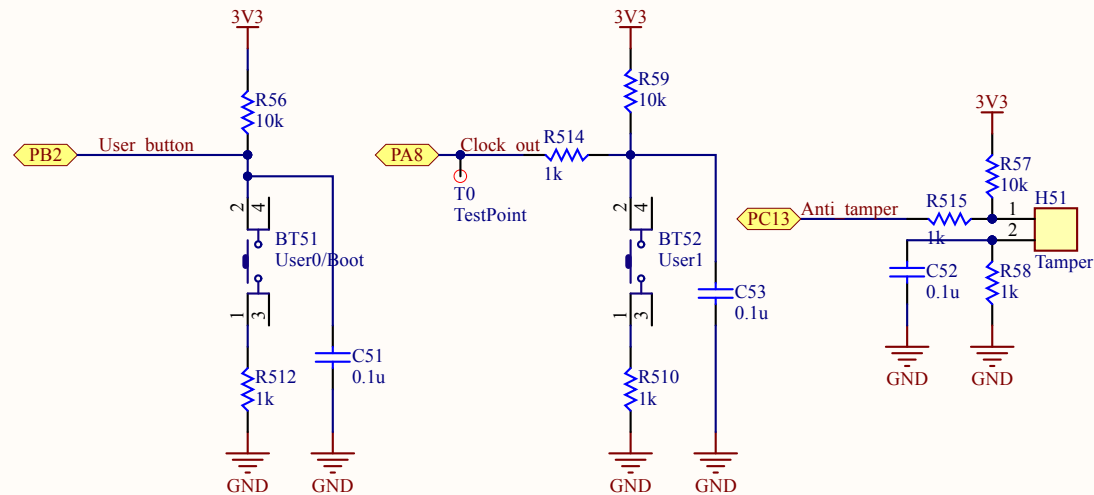
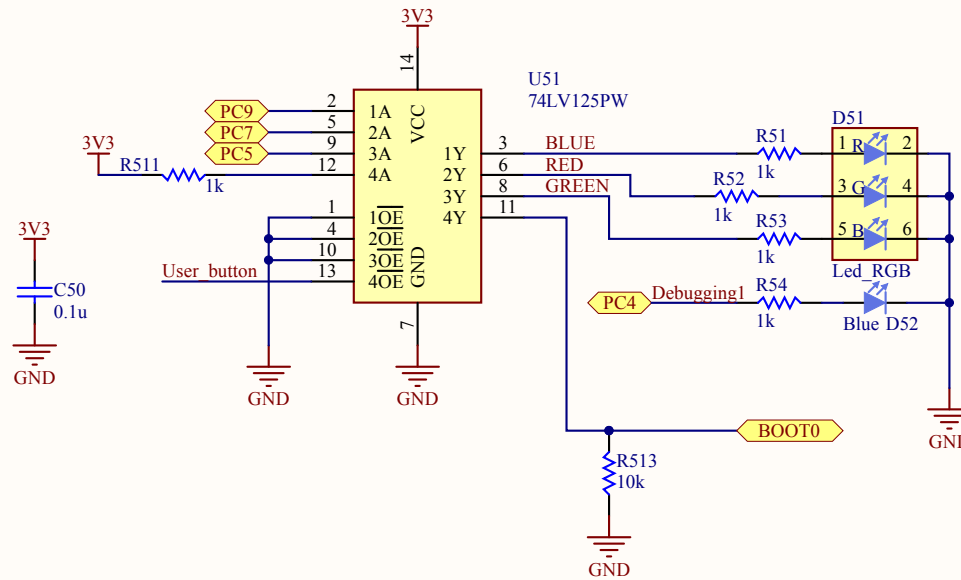
C

D

Title		
Headers		
Size	Number	Revision
A		1.0 (prototype)
Date:	9/20/2013	Sheet 5of 7
File:	D:\Study\...\MB1-Hed-r1.0.SchDoc	Drawn By: MBoard Team

D





Title		
Leds & Buttons		
Size	Number	Revision
A		1.0 (prototype)
Date:	9/20/2013	Sheet 7 of 7
File:	D:\Study\...\MB1-LED_BUTTON.SchDoc Drawn By: MBoard team	