

nRF52840 Nano Development Kit

Bluetooth 5, Thread, IEEE802.15.4, ANT, 2.4GHz


Sheet 1: Cover

Sheet 2: nRF52840 & pin map

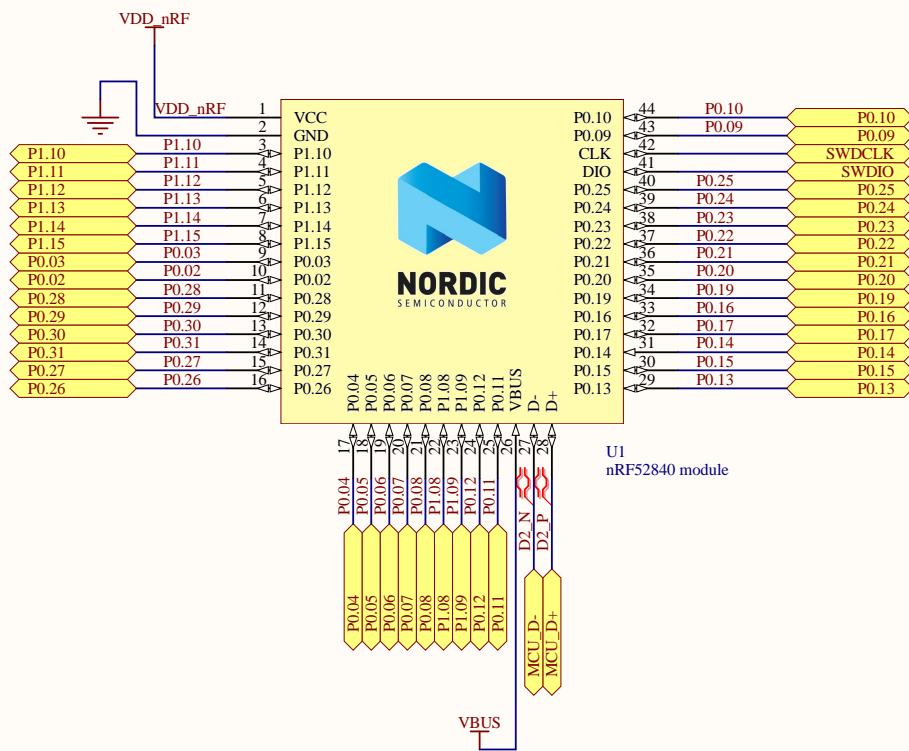
Sheet 3: CP2102 USB-UART Interface

Sheet 4: Miscellaneous

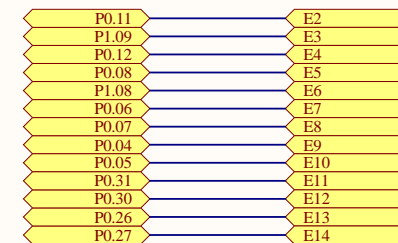
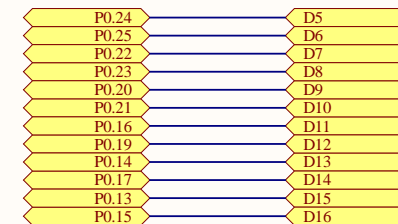
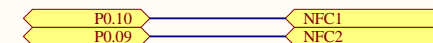
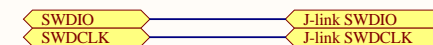
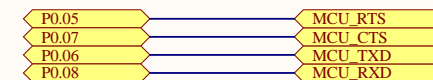
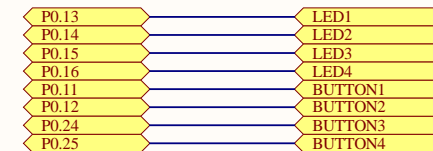
Sheet 5: Power Supply & Connectors

Title <i>Cover</i>			
Sheet 1 of 5	Size: A4	Revision: NT-1.1	
Drawn by: D.N.Nhuan	Date: 10/11/2018 Time: 3:51:57 PM		

nRF52840 module (GT840A_01)

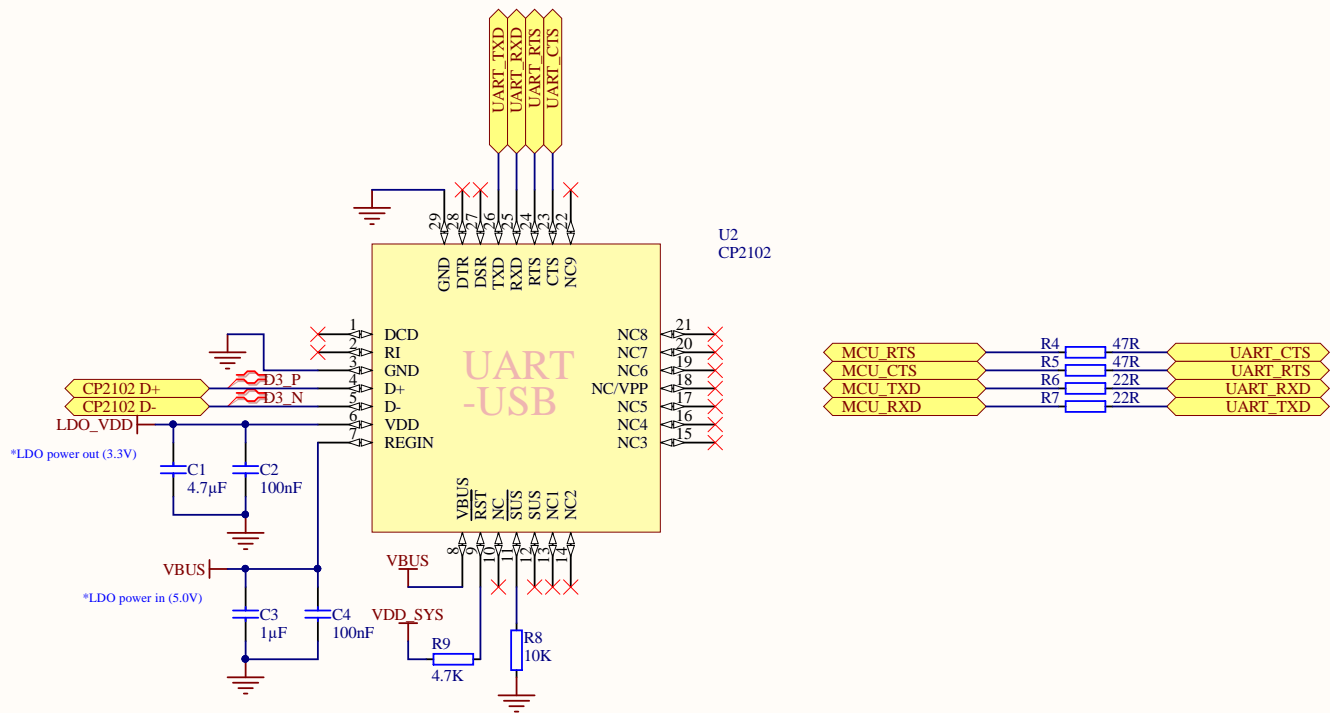



pin map



Title nRF52840 module			
Sheet	2 of 5	Size: A4	Revision: NT-1.1
Drawn by: D.N.Nhuan		Date: 10/11/2018 Time: 3:51:58 PM	

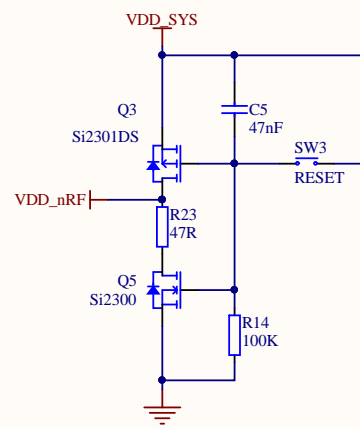




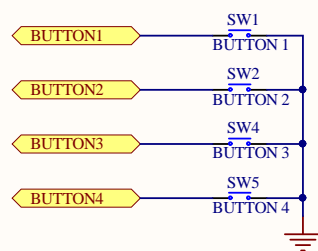
Title <i>CP2102 USB-UART Interface</i>				
Sheet 3 of 5		Size: A4	Revision: NT-1.1	
Drawn by: D.N.Nhuan		Date: 10/11/2018 Time: 3:51:58 PM		



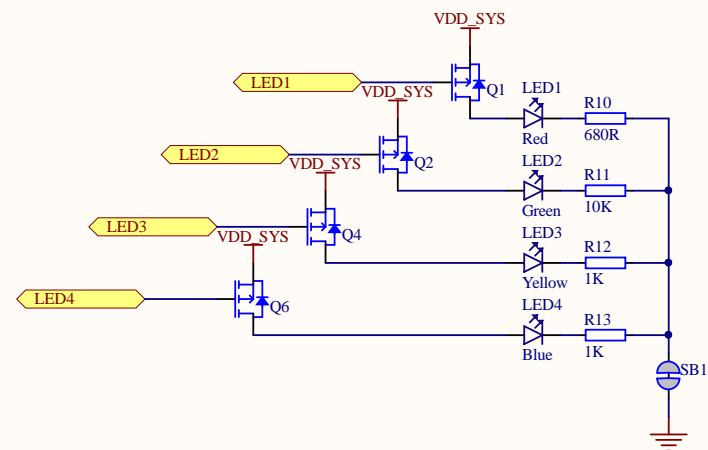
MCU reset circuit



GPIO test

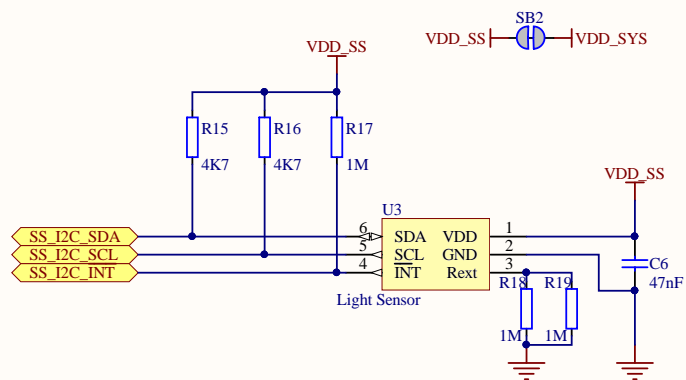


These GPIO pins of leds and buttons are selected similar in nRF52840 DK



sensor test

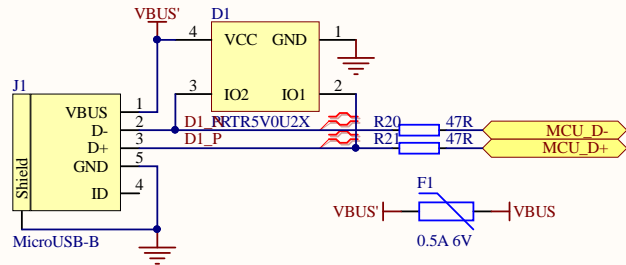
(ISL29023IROZ-T7)



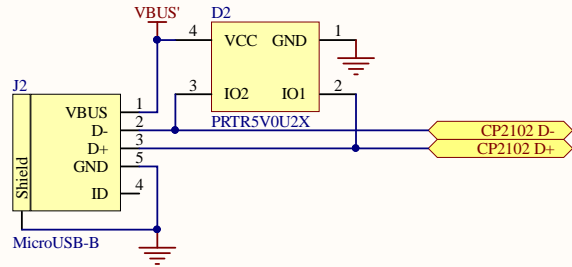
Title	Misc		
Sheet	4 of 5	Size: A4	Revision: NT-1.1
Drawn by:	D.N.Nhuan	Date:	10/11/2018 Time: 3:51:58 PM



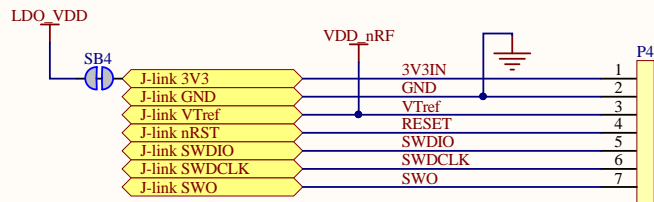
MCU MicroUSB



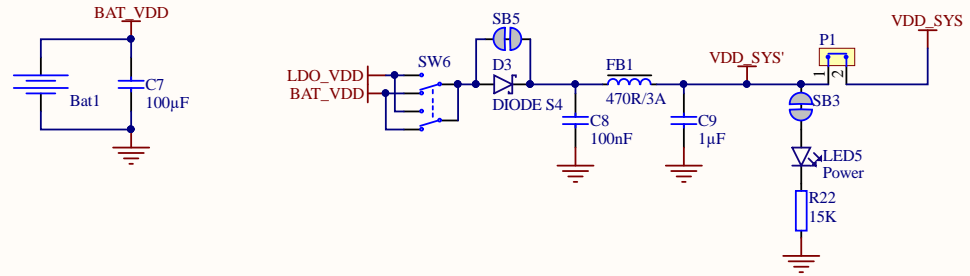
UART MicroUSB



Debugging & Programming Header

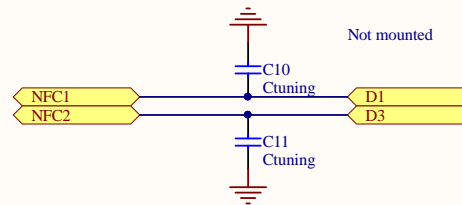
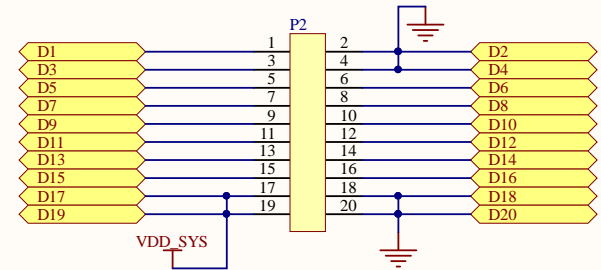
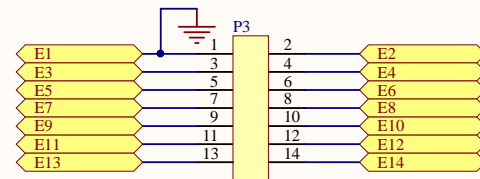


Power Supply



LDO_VDD is powered form CP2102

General Purpose I/O Header



Title	Power Supply & Connectors		
Sheet	5 of 5	Size:	A4
Drawn by:	D.N.Nhuan	Revision:	NT-1.1
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