

nRF52840 Nano Development Kit

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


Sheet 1: Cover

Sheet 2: nRF52840 & pin map

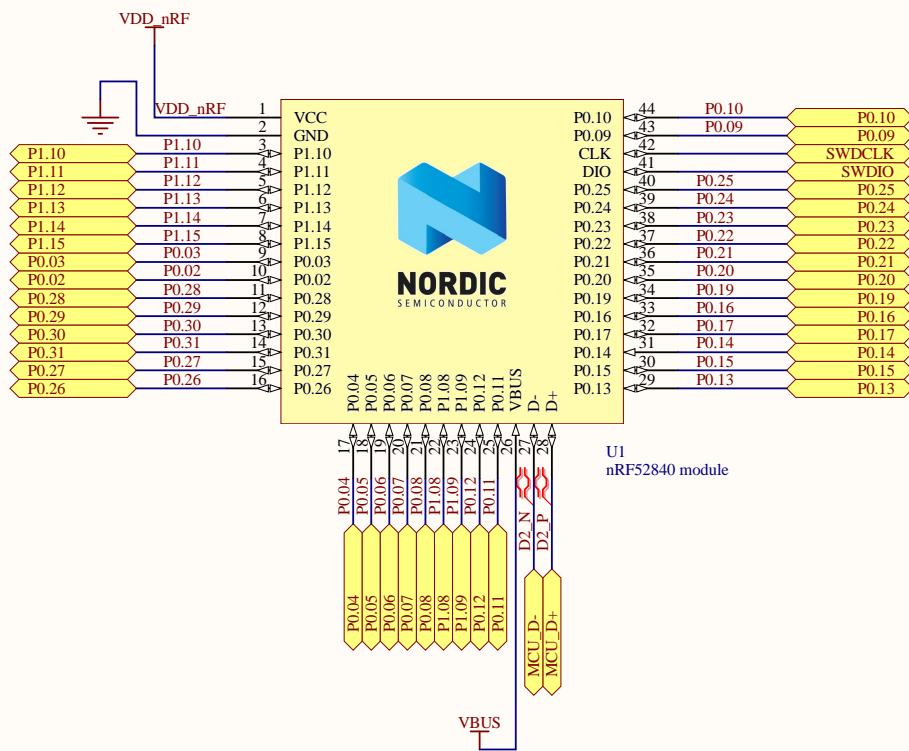
Sheet 3: CP2102 USB-UART Interface

Sheet 4: Miscellaneous

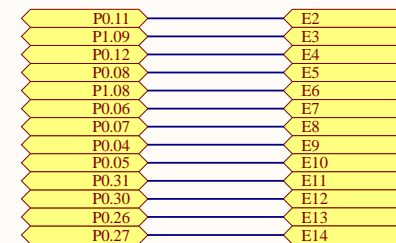
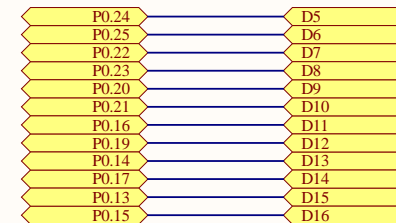
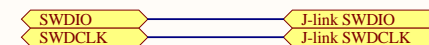
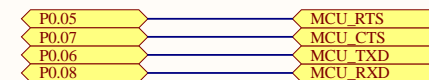
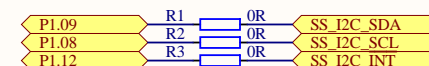
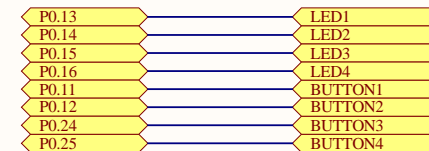
Sheet 5: Power Supply & Connectors

Title <i>Cover</i>			
Sheet 1 of 5	Size: A4	Revision: NT-1.1	
Drawn by: D.N.Nhuan	Date: 9/14/2018	Time: 11:07:00 PM	

nRF52840 module (GT840A_01)

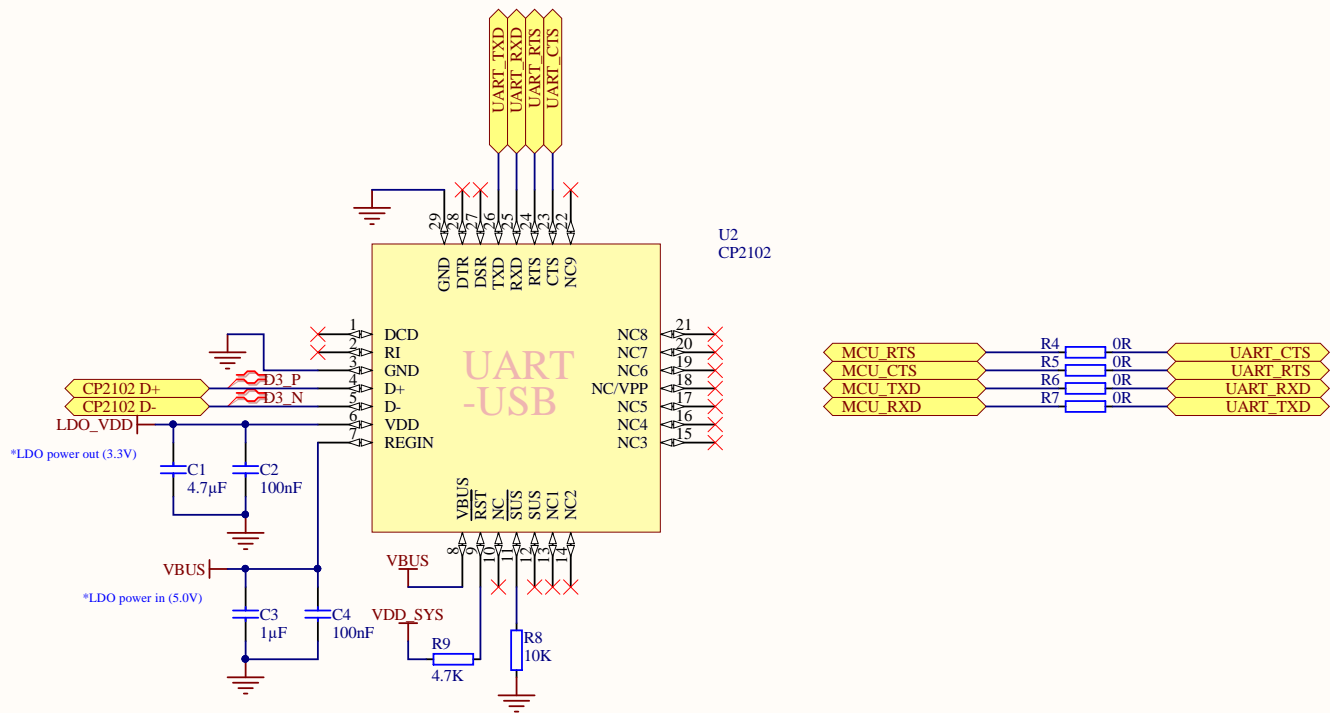


pin map



Title nRF52840 module			
Sheet	2 of 5	Size: A4	Revision: NT-1.1
Drawn by:	D.N.Nhuan	Date: 9/14/2018	Time: 11:07:00 PM

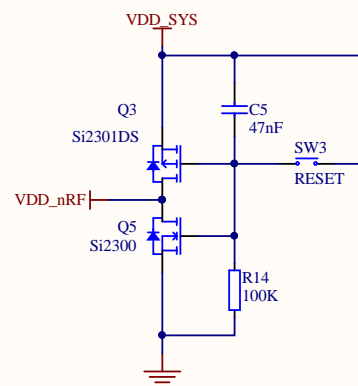




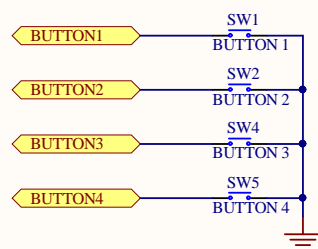
Title CP2102 USB-UART Interface			
Sheet 3 of 5	Size: A4	Revision: NT-1.1	
Drawn by: D.N.Nhuan	Date: 9/14/2018	Time: 11:07:00 PM	



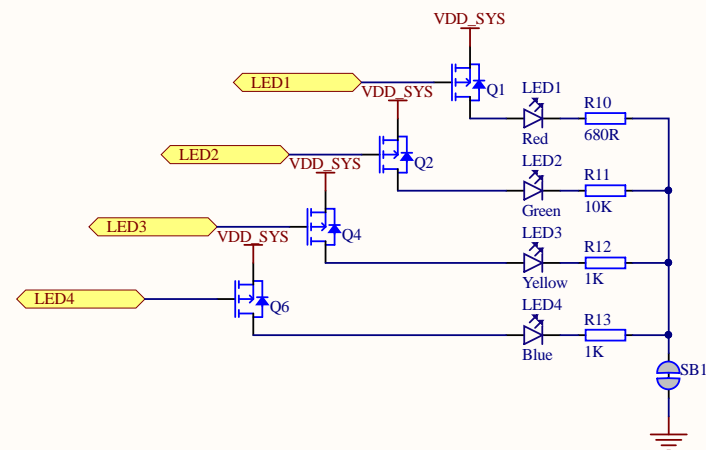
MCU reset circuit



GPIO test

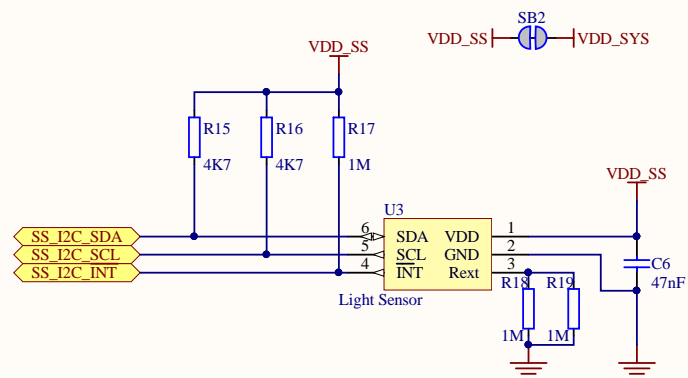


These GPIO pins of leds and buttons are selected similar in nRF52840 DK



sensor test

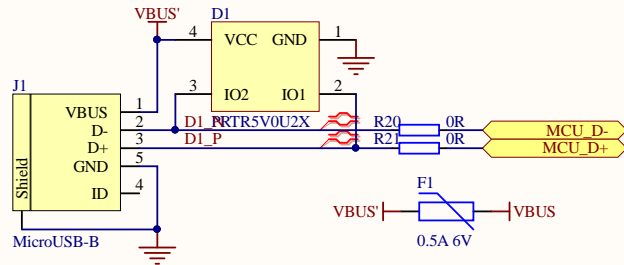
(ISL29023IROZ-T7)



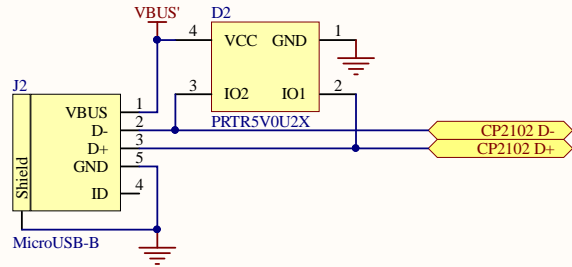
Title	Misc		
Sheet	4 of 5	Size: A4	Revision: NT-1.1
Drawn by:	D.N.Nhuan	Date: 9/14/2018	Time: 11:07:00 PM



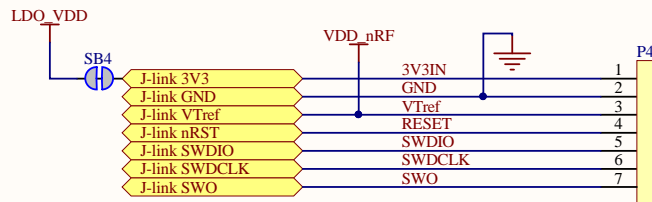
MCU MicroUSB



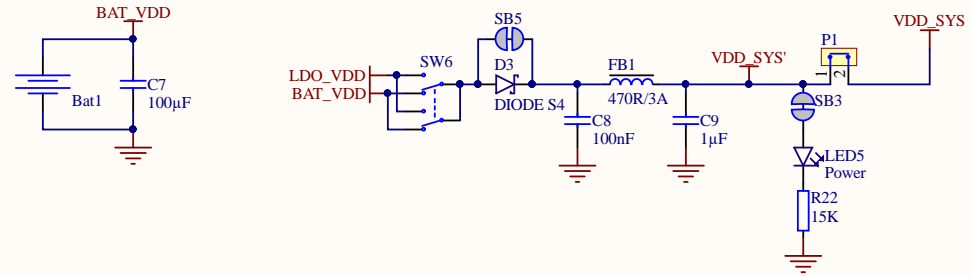
UART MicroUSB



Debugging & Programming Header

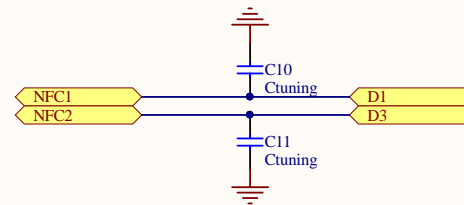
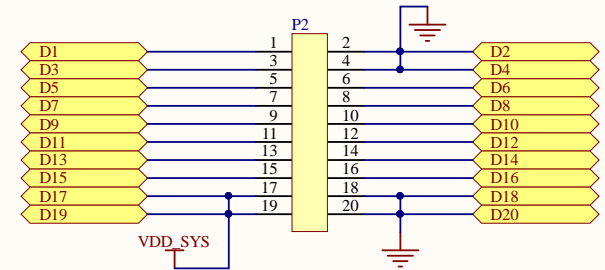
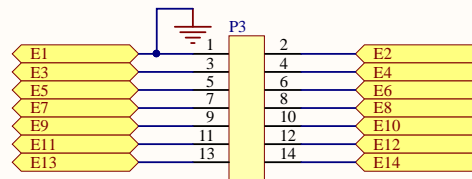


Power Supply



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
Date:	9/14/2018	Time:	11:07:00 PM

