

Module section (モジュール部)

U1
MDBT50Q-P1M

SW1

LED1/2.1D

TWI_SCL/3.5C

0V

32.768kHz crystal (32.768kHz クリスタル)

Bypass capacitor (バイパスコンデンサー)

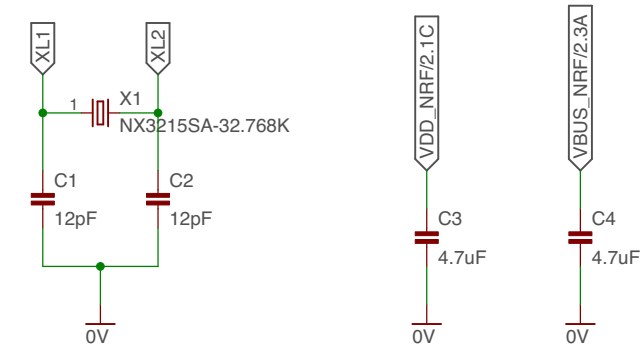
Reset circuit (リセット回路)

MAIN SW

MDBT50Q Dongle (rev2.1.1)

MDBT50Q-P1M Dongle rev2.1.1
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バイパスコンデンサー



MDBT50Q Dongle
(rev2.1.1)

MDBT50Q-P1M Dongle rev2.1.1

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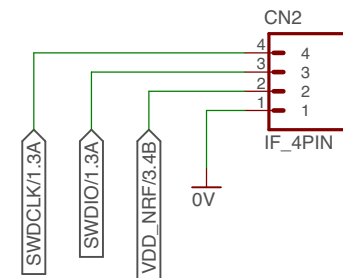
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The schematic diagram illustrates the LED connections for three different modules: LD1 (red), LD2 (3-color), and LD3 (yellow). Each module is connected to a VDD_NRF/1.5B power source and a VDD_NRF/1.3D ground source. The connections are as follows:

- LD1 (red):** Connected to VDD_NRF/1.5B through a 1.5k resistor (R2) and to VDD_NRF/1.3D through a 1.5k resistor (R2).
- LD2 (3-color):** Connected to VDD_NRF/1.5B through a 1.2k resistor (R3) and to VDD_NRF/1.3D through a 2.2k resistor (R4) and a 390 resistor (R5).
- LD3 (yellow):** Connected to VDD_NRF/1.5B through a 1.5k resistor (R6) and to VDD_NRF/1.3D through a 1.5k resistor (R6).

nRF52840アプリケーションを
書込する際に使用します。



MDBT50Q Dongle
(rev2.1.1)

MDBT50Q-P1M Dongle rev2.1.1

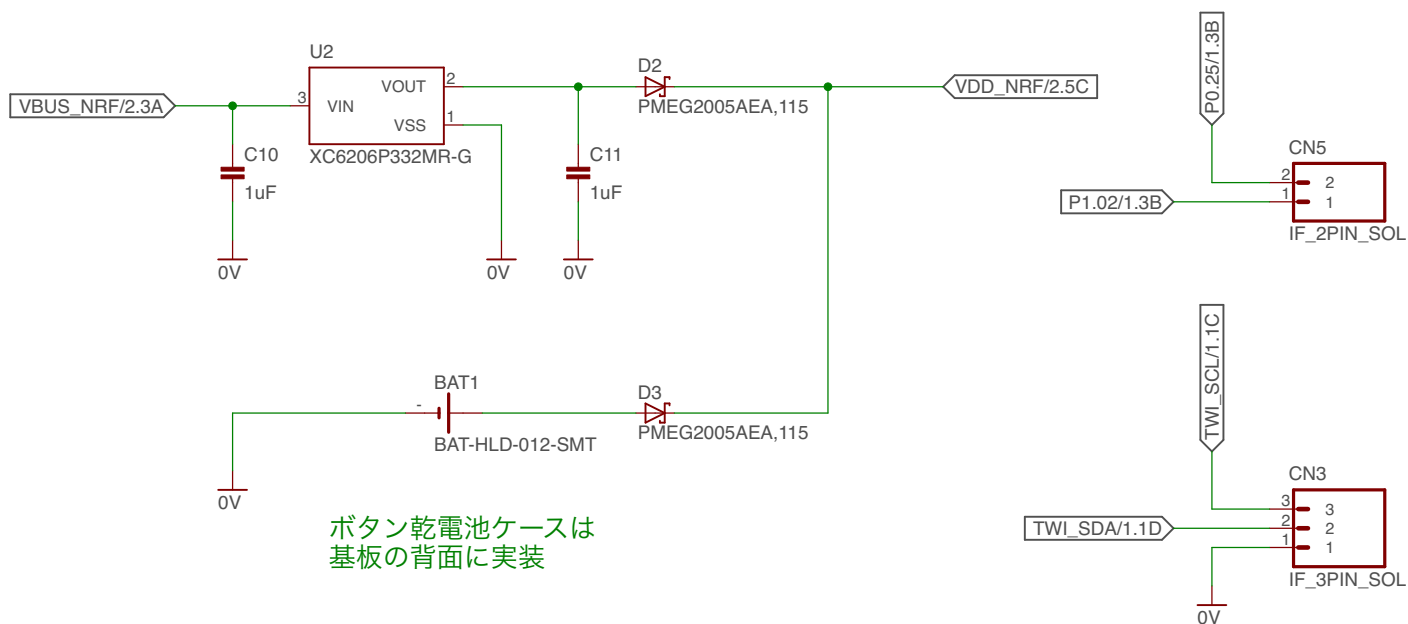
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電源供給部

USBポートに装着時は、VBUSの5.0V-->3.3Vに降圧して供給します。
乾電池ホルダーにボタン乾電池を装着した場合は、3.0Vを供給します。



MDBT50Q Dongle
(rev2.1.1)

MDBT50Q-P1M Dongle rev2.1.1

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A	セキュリティーIC部													
B														
C														
D					<div>MDBT50Q Dongle (rev2.1.1)</div> <table><tr><td colspan="2">MDBT50Q-P1M Dongle rev2.1.1</td></tr><tr><td colspan="2">FIDO2AUTH_00211</td></tr><tr><td colspan="2">2020/05/02 14:05</td></tr><tr><td>Sheet: 4/4</td><td></td></tr></table>		MDBT50Q-P1M Dongle rev2.1.1		FIDO2AUTH_00211		2020/05/02 14:05		Sheet: 4/4	
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