

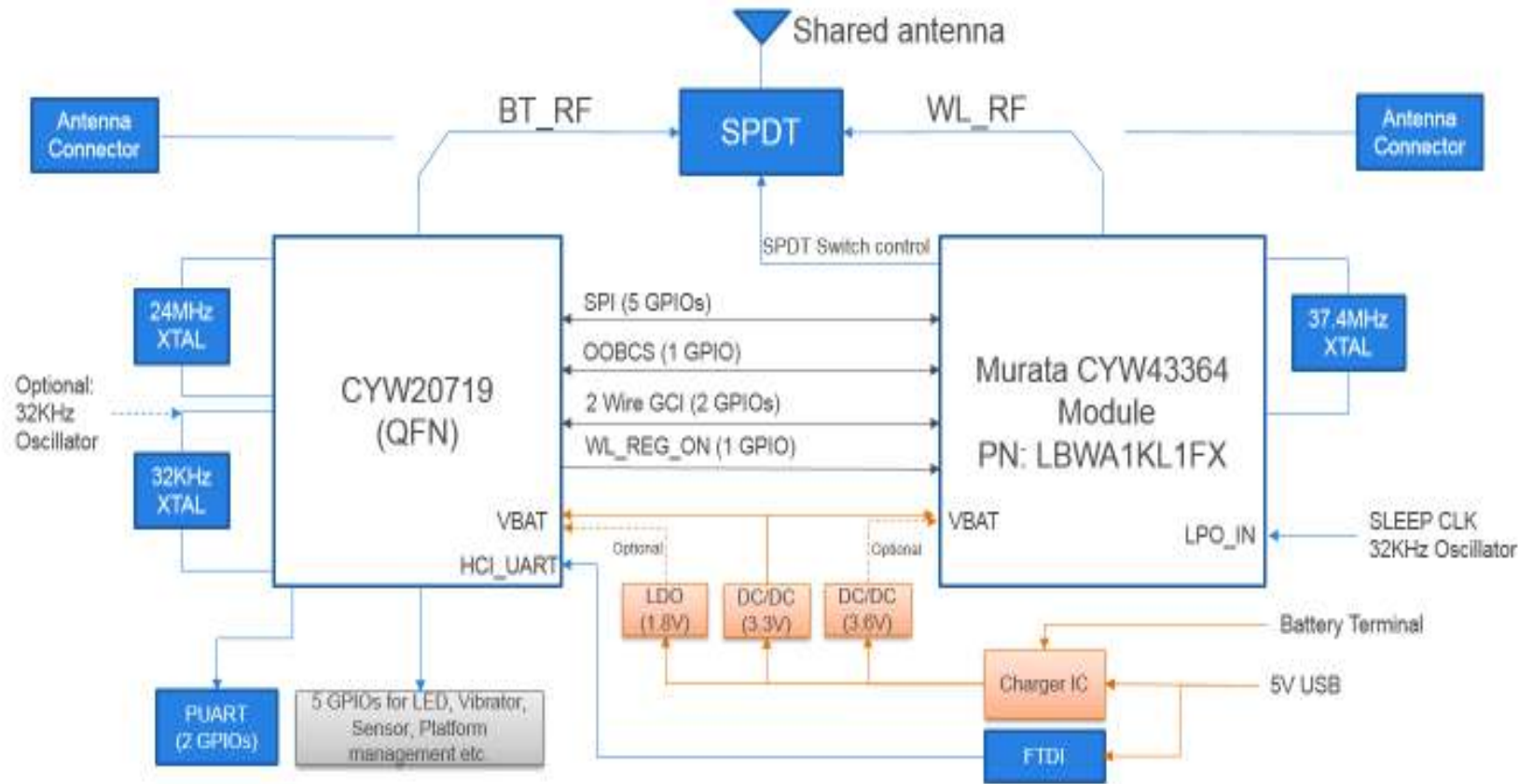
Revision History:

Rev 01, (02/23/17)

- Initial Release

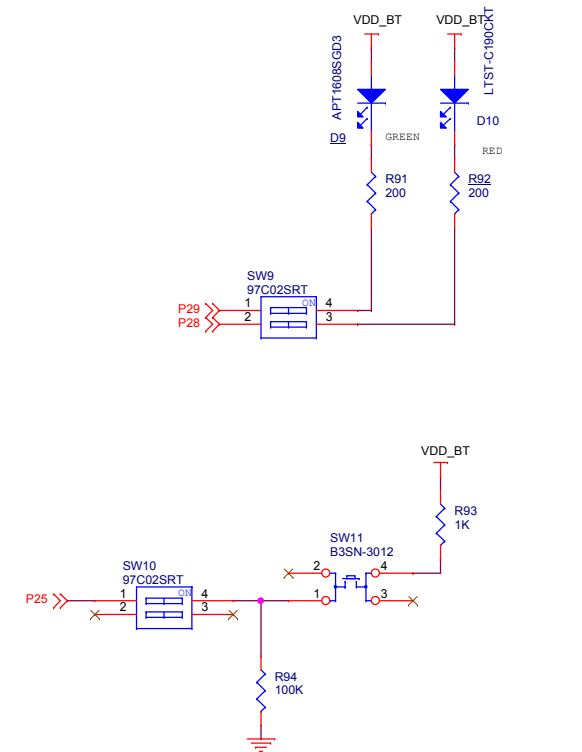
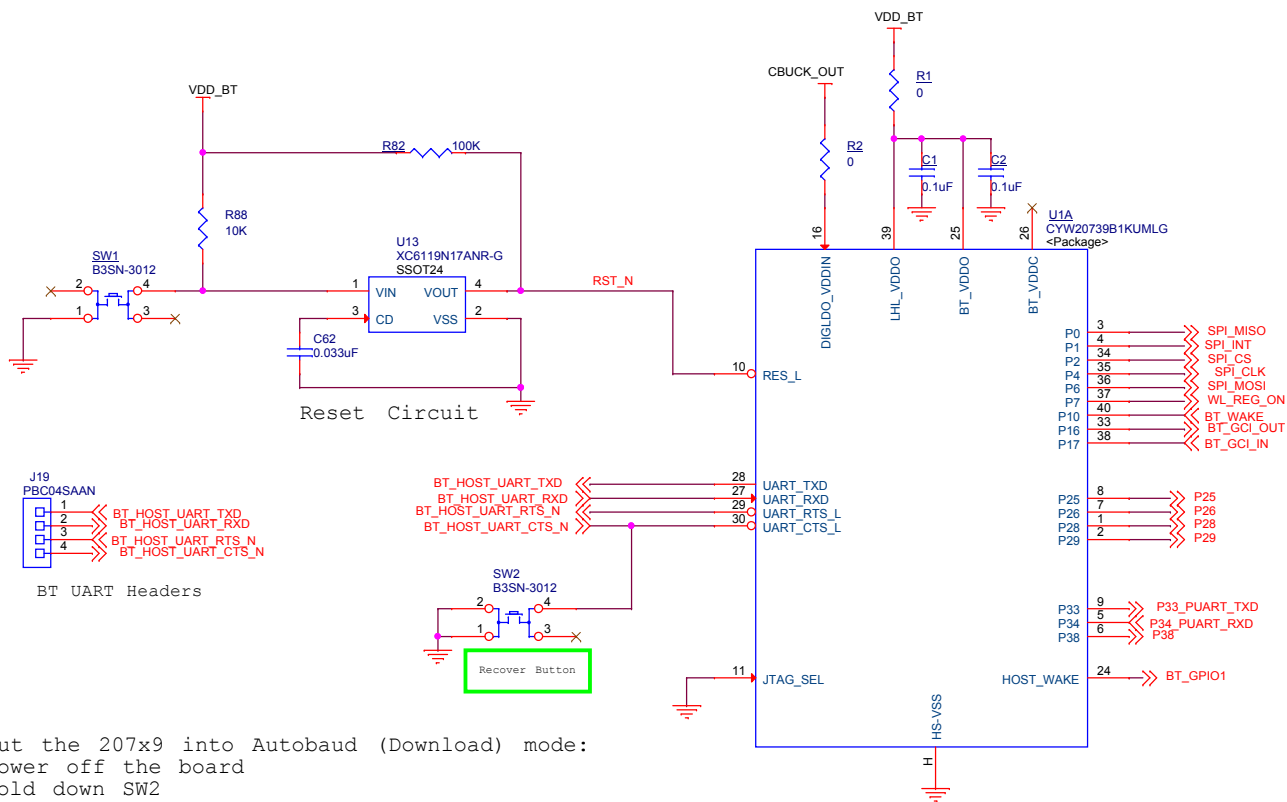
Rev 02, (02/23/17)

- Fix PCB footprint for U9
- Antenna switch now powered by VDD_3V3



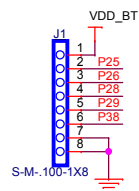
PAGE1: COVER PAGE
PAGE2: BT BASEBAND
PAGE3: BT RF
PAGE4: WLAN, RF & SDIO INTERFACE
PAGE5: POWER & FTDI INTERFACE

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To put the 207x9 into Autobaud (Download) mode:

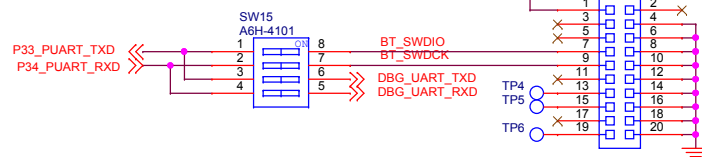
1. Power off the board
2. Hold down SW2
3. Power up the board
4. Release SW2



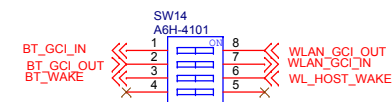
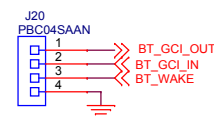
Test header for unused GPIOs

SW15 Settings

	POS1	POS2	POS3	POS4
BT_SW2	ON	ON	OFF	OFF
BT_DEBUG_UART	OFF	OFF	ON	ON



DEBUGGER INTERFACE

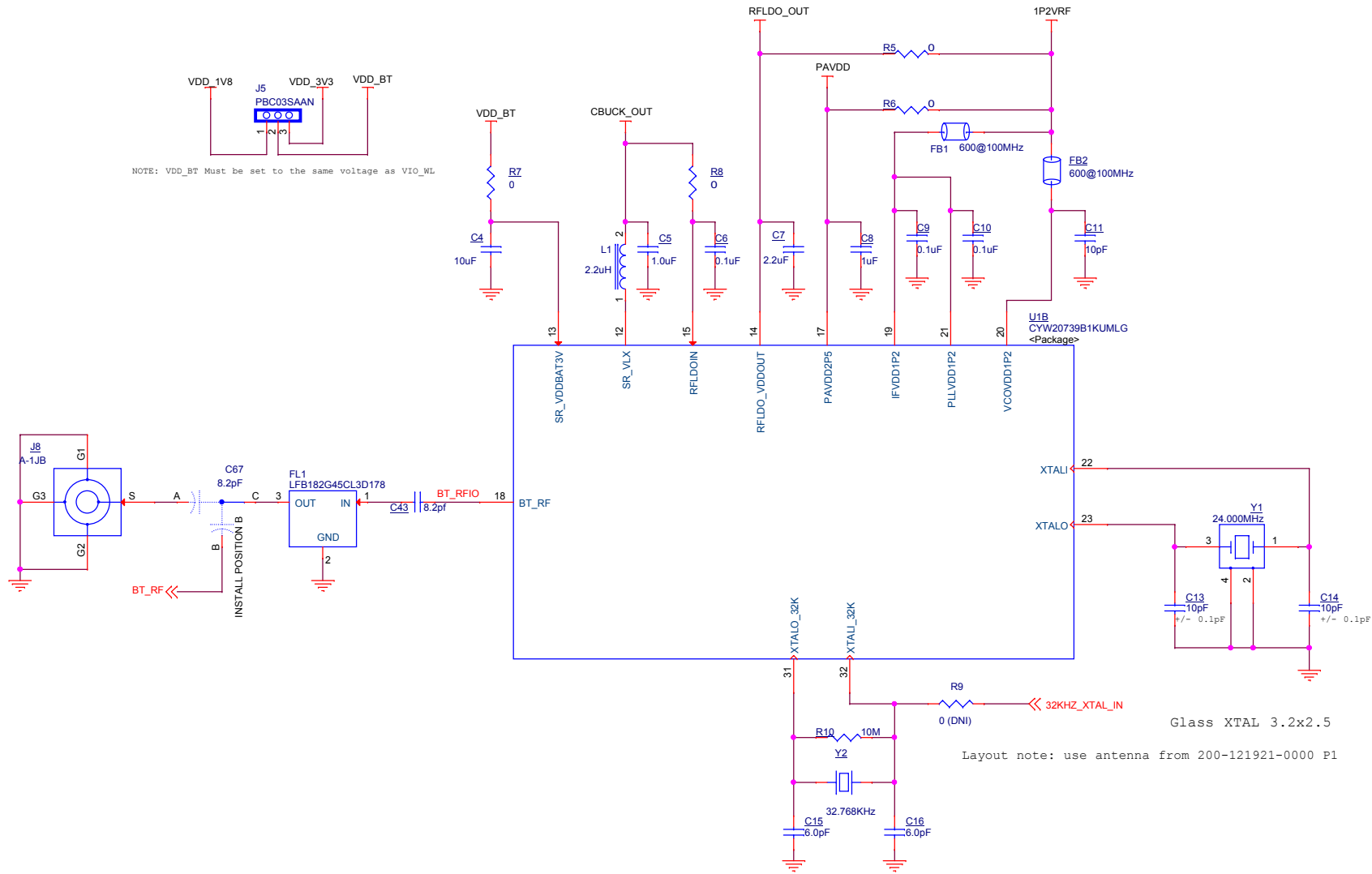


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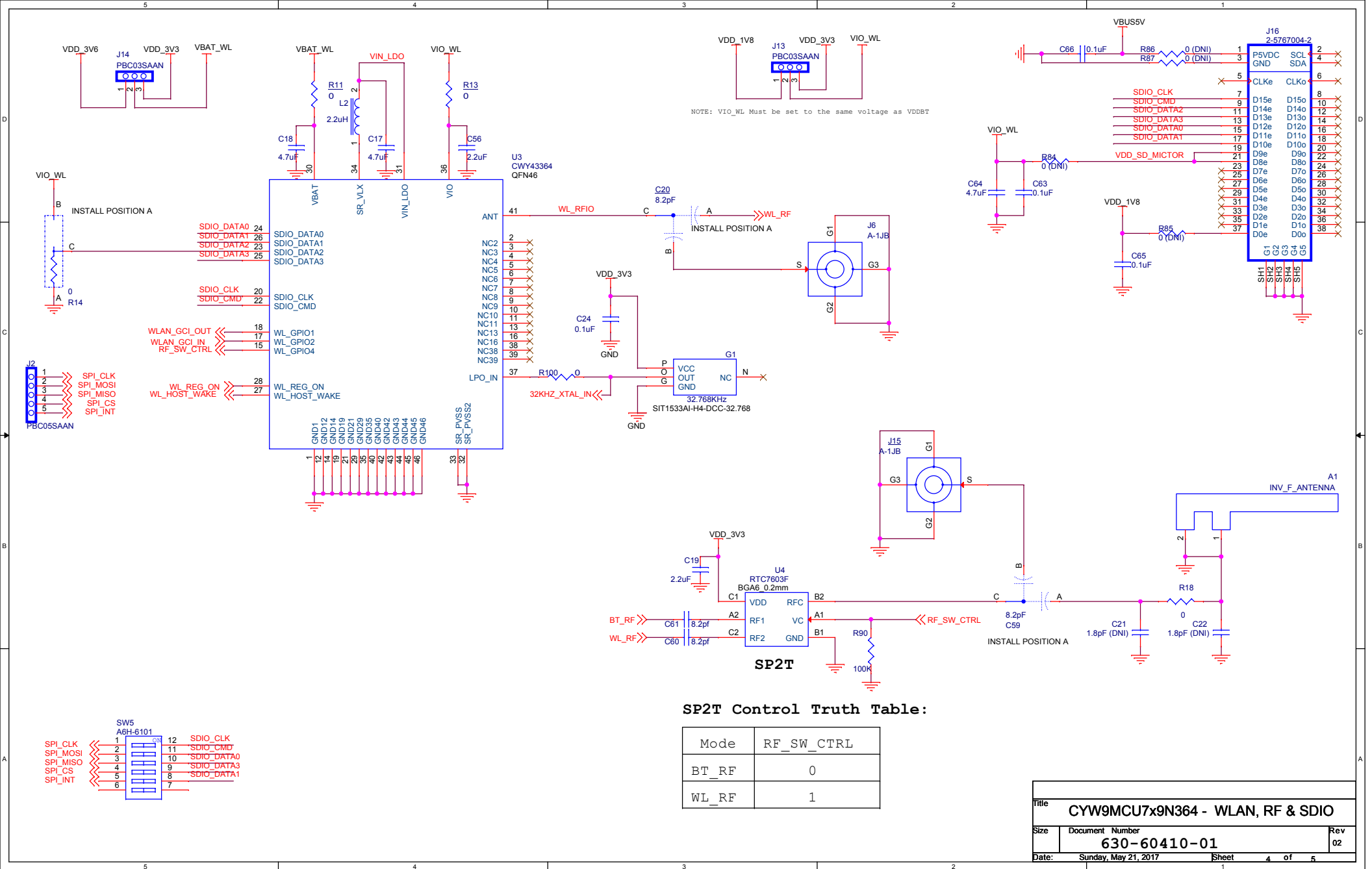
VDD_1V8 VDD_3V3 VDD_BT

J5 PBC03SAAN

NOTE: VDD_BT Must be set to the same voltage as VIO_WL



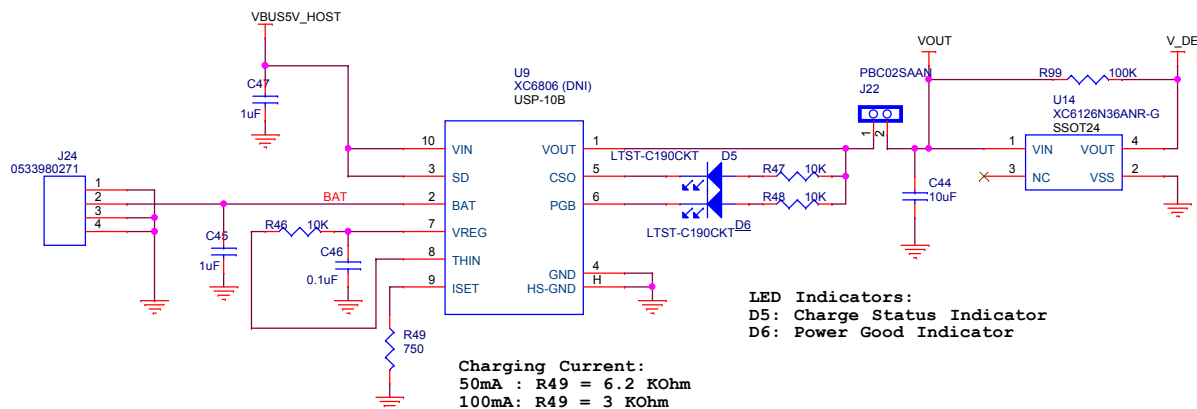
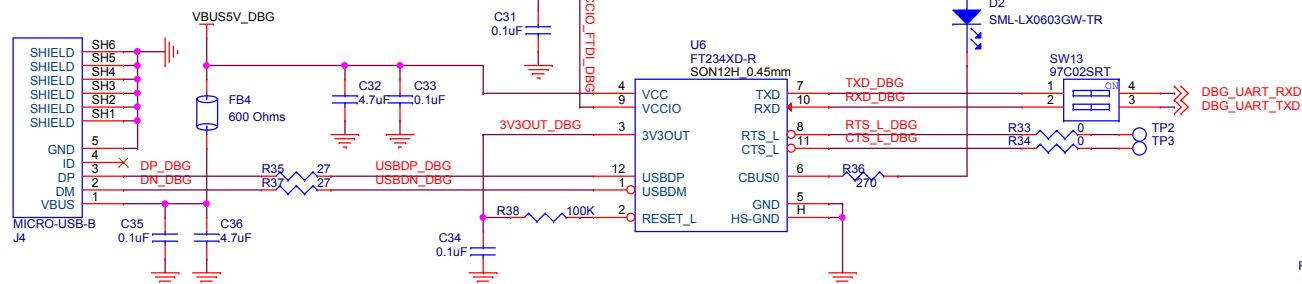
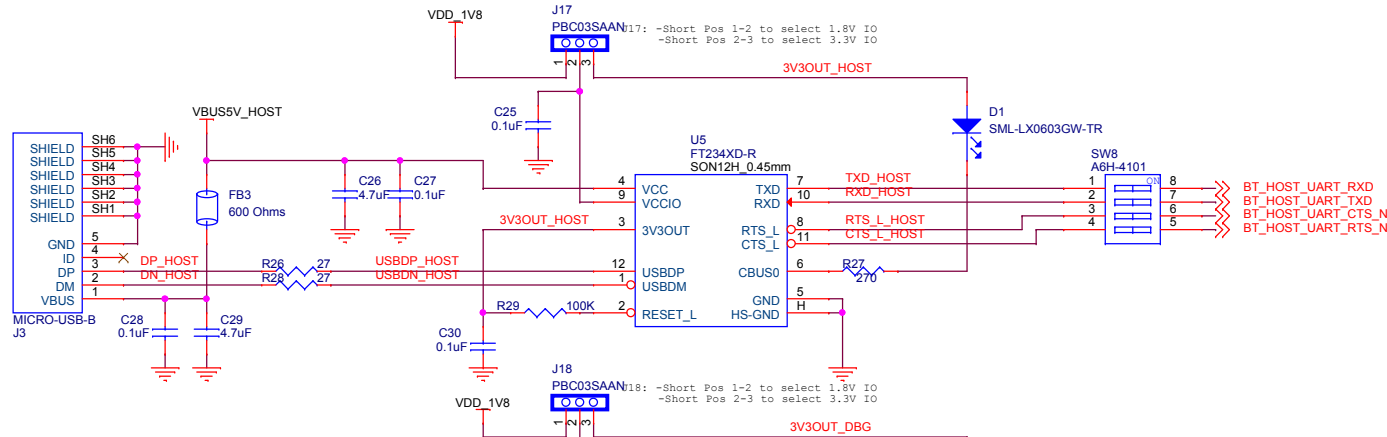
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CYW9MCU7x9N364 - BT RF		
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SP2T Control Truth Table:

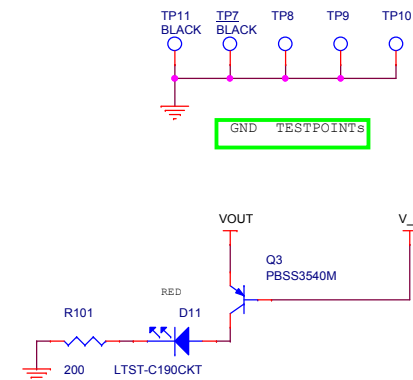
Mode	RF_SW_CTRL
BT_RF	0
WL_RF	1

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CYW9MCU7x9N364 - WLAN, RF & SDIO		
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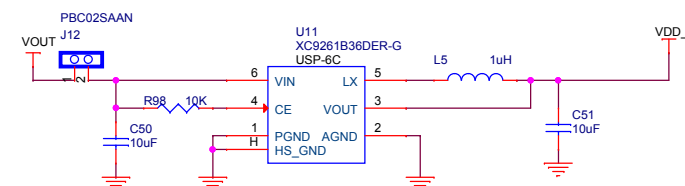
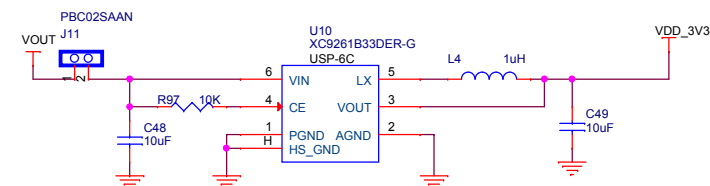
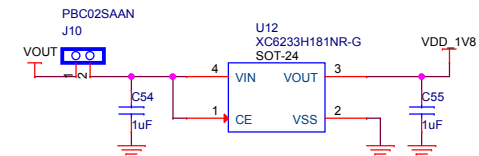


Charging Current:
 50mA : R49 = 6.2 KOhm
 100mA : R49 = 3 KOhm
 150mA : R49 = 2 KOhm
 220mA : R49 = 1.2 KOhm
 350mA : R49 = 750 Ohm

LED Indicators:
 D5: Charge Status Indicator
 D6: Power Good Indicator



Low Battery Indicators:
 D11 will light up to indicate low battery



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