

Revision History:

Rev 1.0, (07/10/18)

- 1) Initial Release

Rev 2.0, (10/16/18)

- 1) Updated block diagram
- 2) C12 and C15 changed to 1000pF
- 3) Removed TP12, TP13, TP14 and TP17
- 4) Removed CBL1 from the schematic
- 5) Other schematic cosmetic clean-ups

Rev 2.1, (12/13/18)

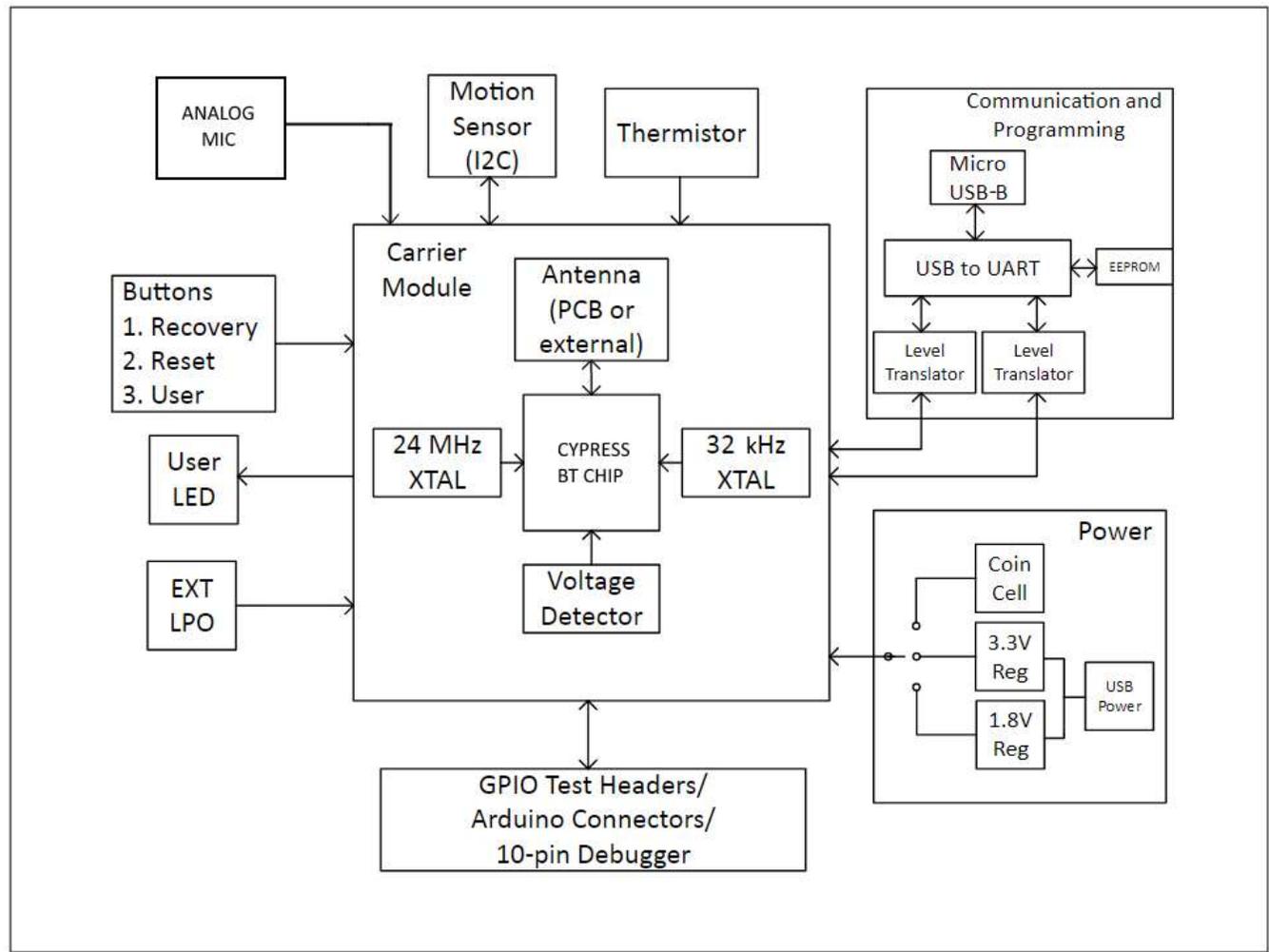
- 1) Updated the entire schematic to Cypress library components

Rev 2.2, (1/4/19)

- 1) Schematic text changes

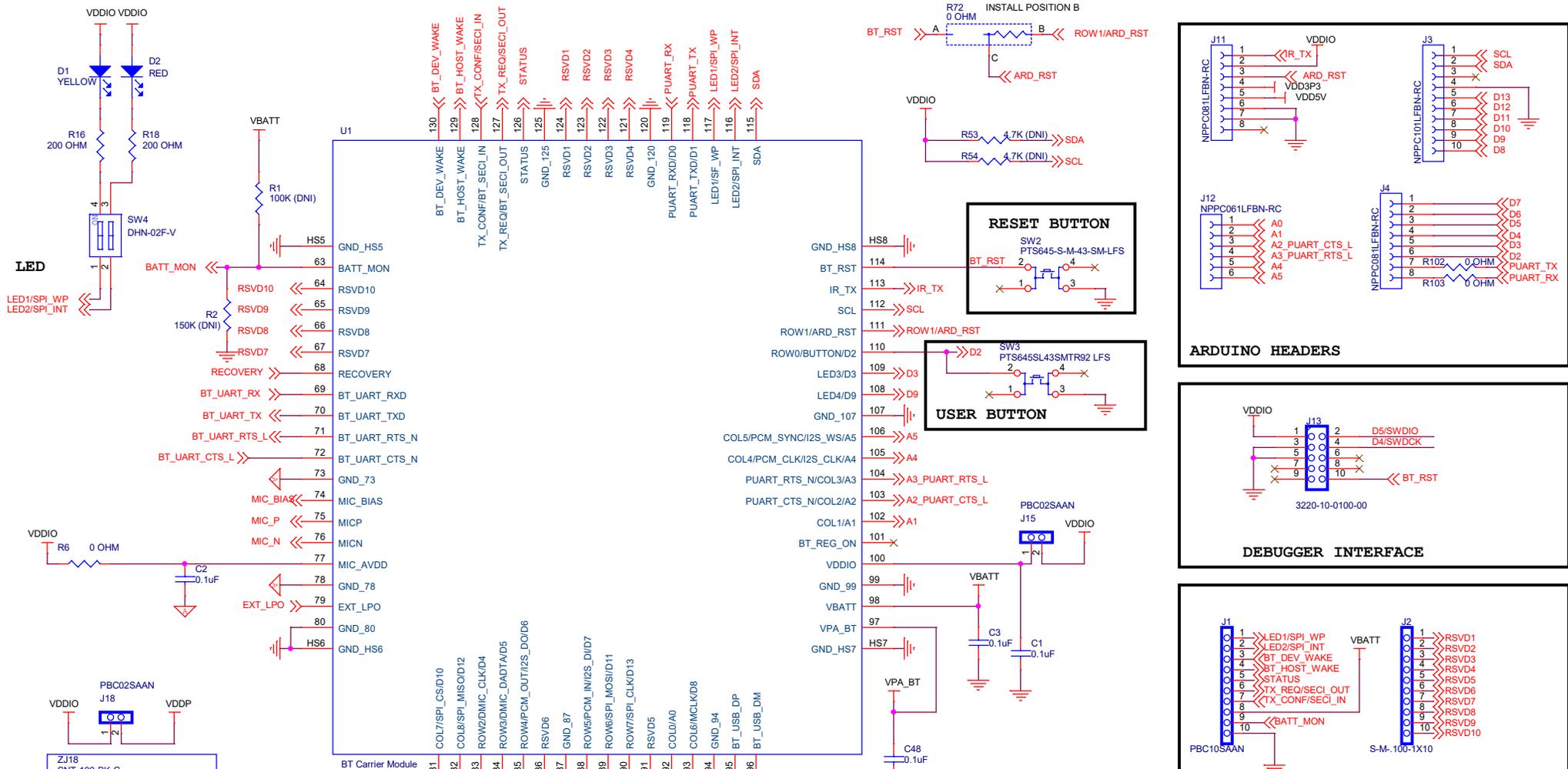
Rev 2.3, (1/28/19)

- 1) DNI analog MIC and all of it's passive components

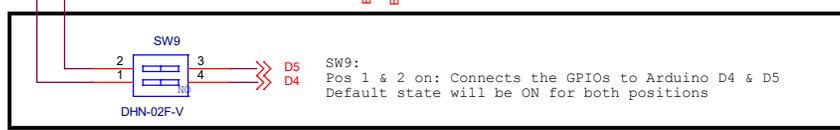
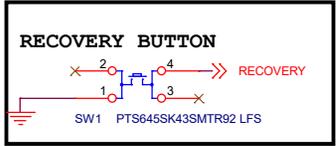


PAGE1: COVER PAGE
 PAGE2: CARRIER MODULE
 PAGE3: PERIPHERALS & SENSORS
 PAGE4: POWER
 PAGE5: USB TO UART INTERFACE

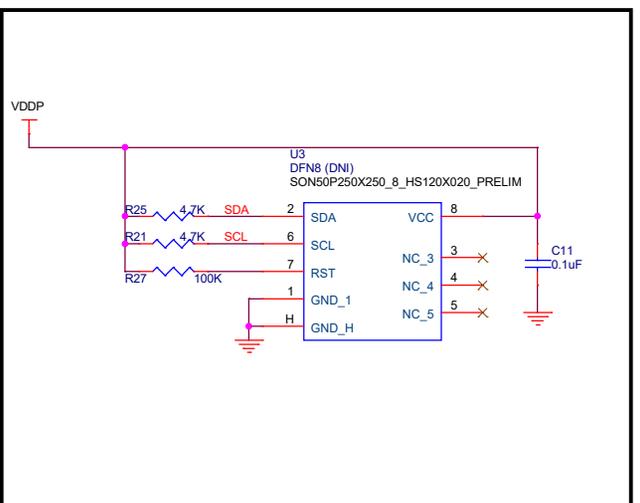
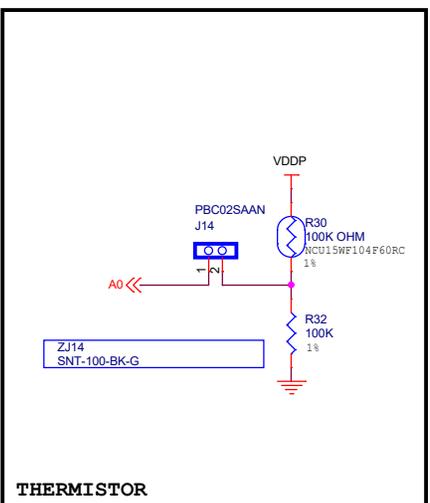
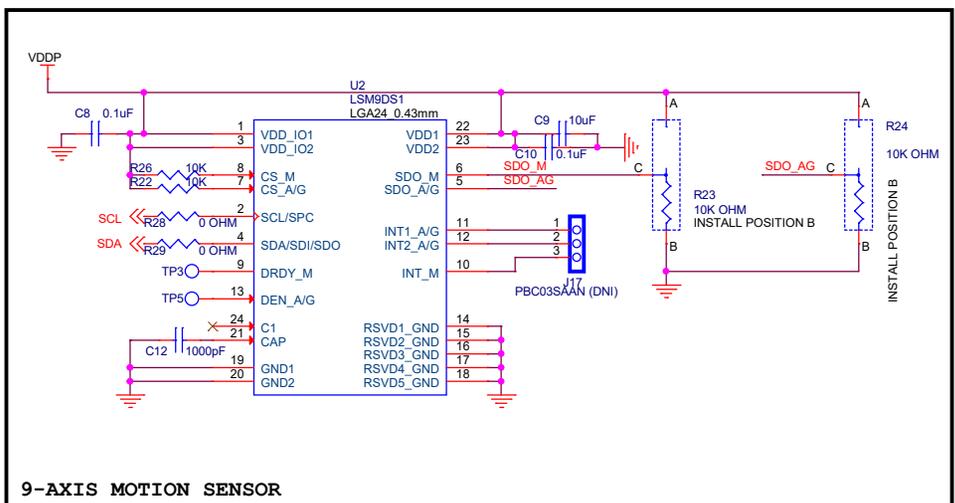
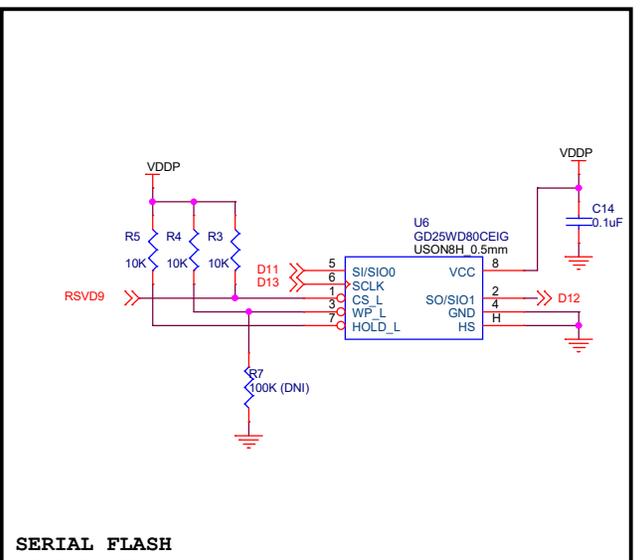
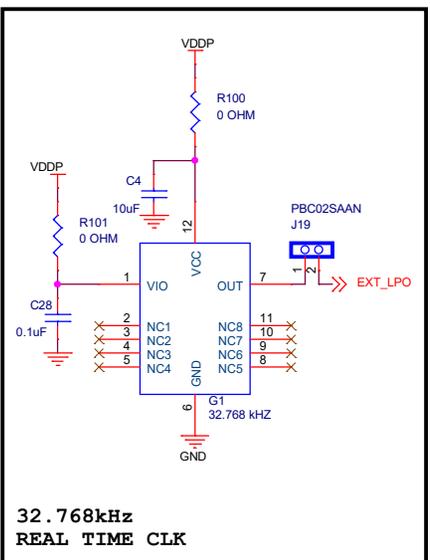
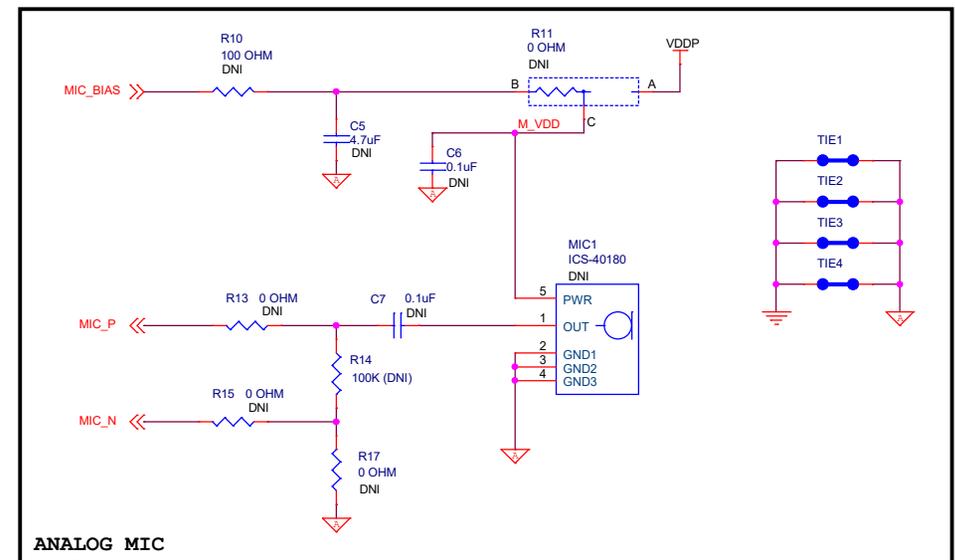
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CYW9BTWCDEVAL4 - Cover Page		
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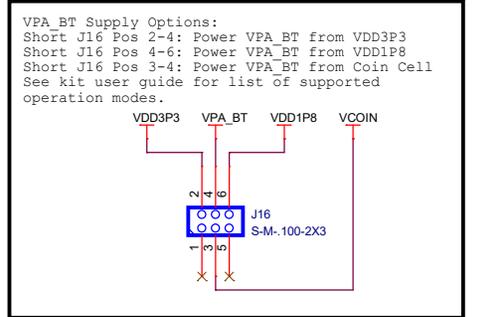
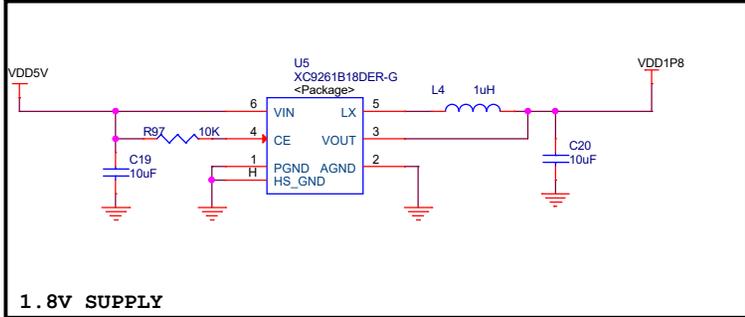
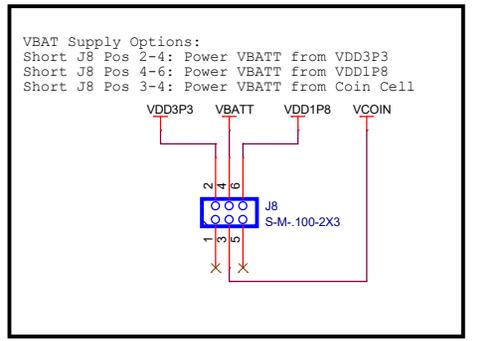
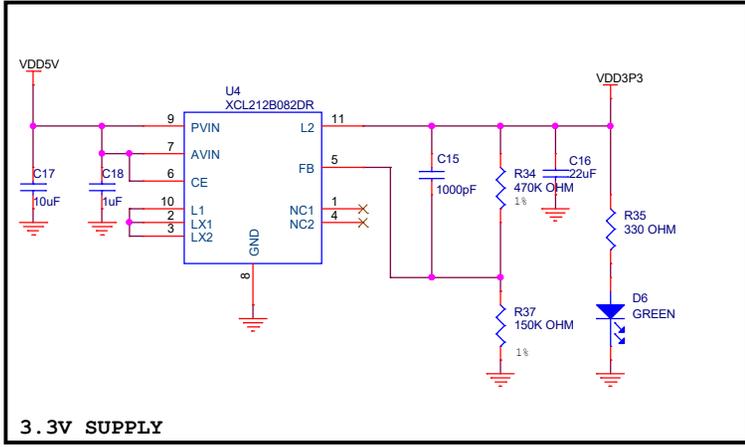
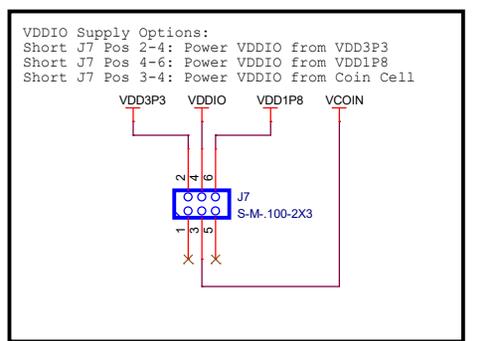
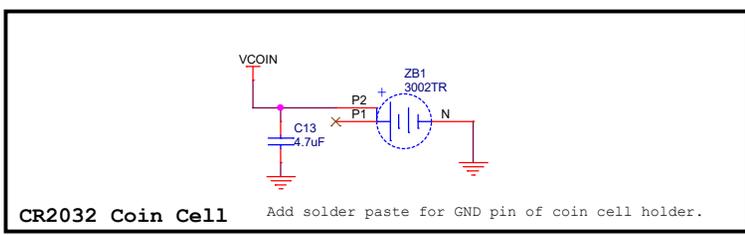
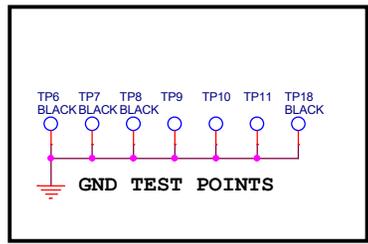
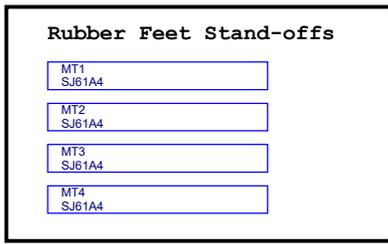
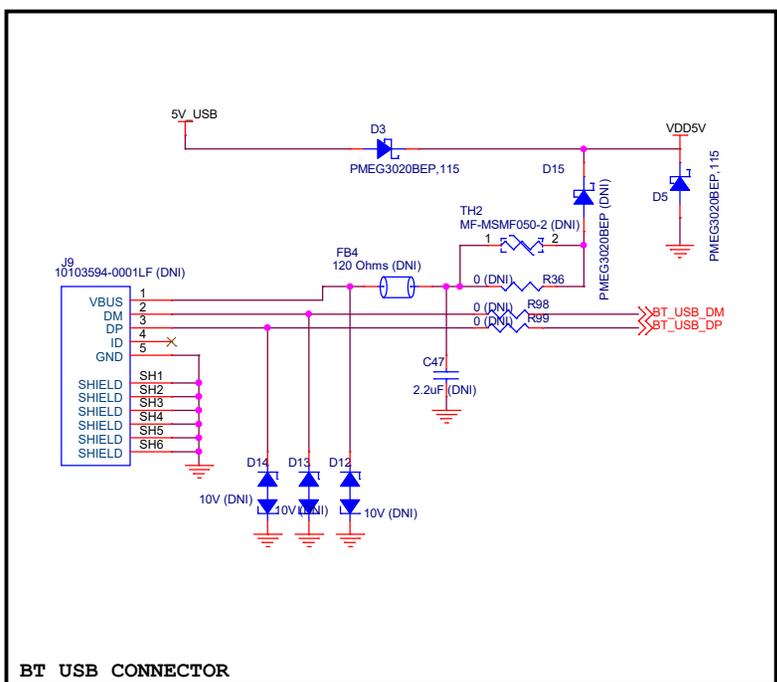
Install J18 to power the VDDP domain which includes the Motion Sensor, Thermistor, serial flash, and the 32.768kHz Real Time CLK



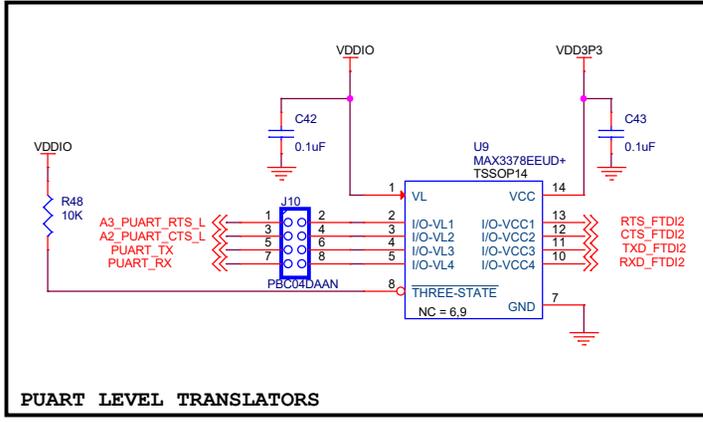
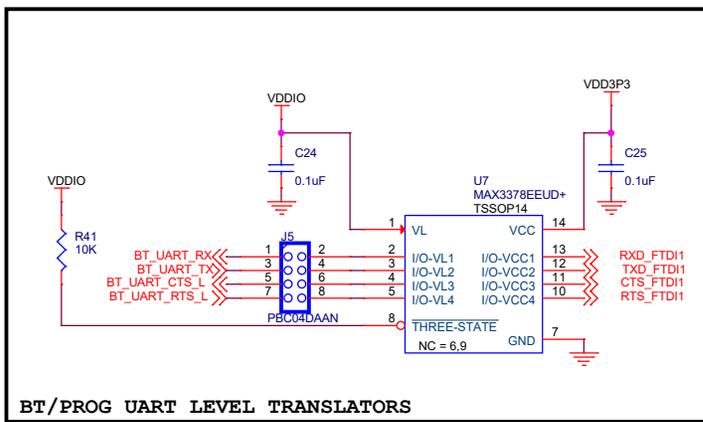
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CYW9BTWCDEVAL4 - Carrier Module		
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Title		
CYW9BTWCDEVAL4 - Peripherals and Sensors		
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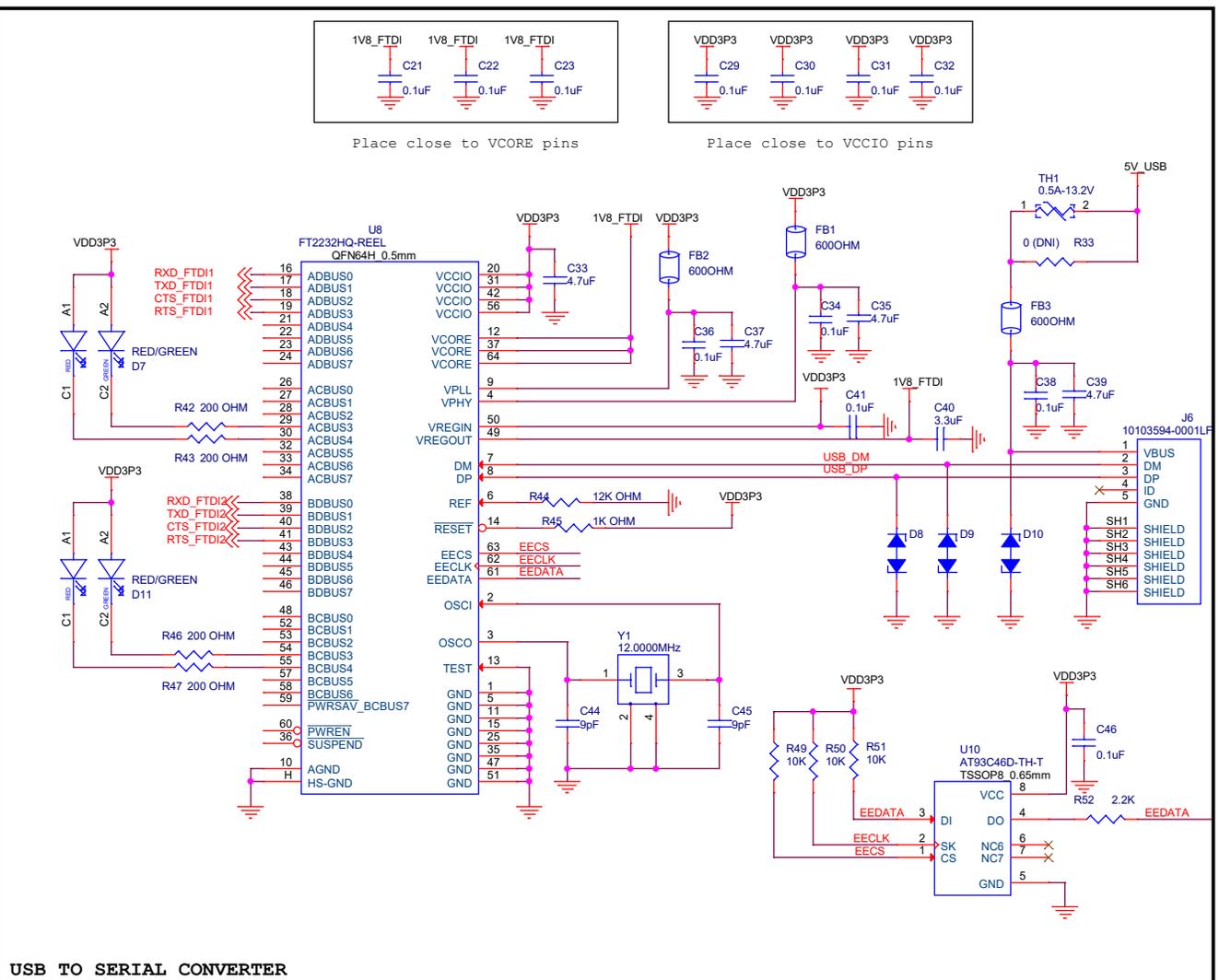


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JUMPER SHORTS

ZJ5-1-2 SNT-100-BK-G	ZJ10-5-6 SNT-100-BK-G
ZJ5-3-4 SNT-100-BK-G	ZJ10-7-8 SNT-100-BK-G
ZJ5-5-6 SNT-100-BK-G	ZJ8-2-4 SNT-100-BK-G
ZJ5-7-8 SNT-100-BK-G	ZJ7-2-4 SNT-100-BK-G
ZJ15 SNT-100-BK-G	ZJ16-2-4 SNT-100-BK-G



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Revision History:

Rev 1.0 (8/31/18)

1) Initial Release

Rev 1.1 (10/16/18)

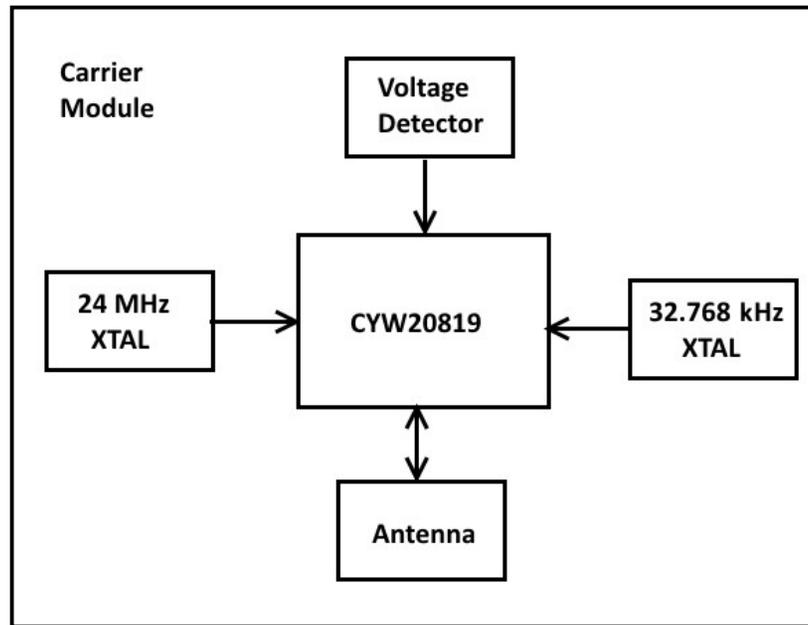
1) Updated Block Diagram
2) Cosmetic clean up on the text placements

Rev 1.2 (11/30/18)

1) Updated components to Cypress database

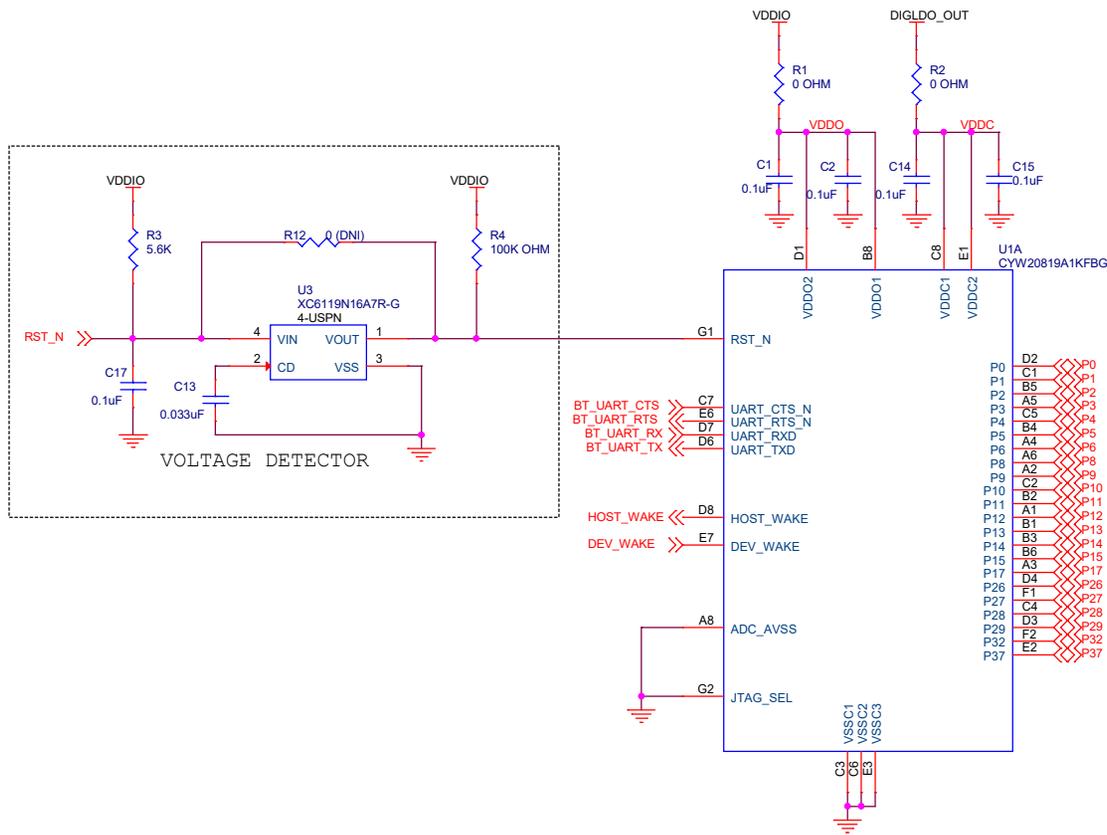
Rev 1.3 (1/4/19)

1) Updated schematic texts and block diagram



PAGE1: COVER PAGE
PAGE2: BASEBAND
PAGE3: RADIO
PAGE4: MODULE I/O

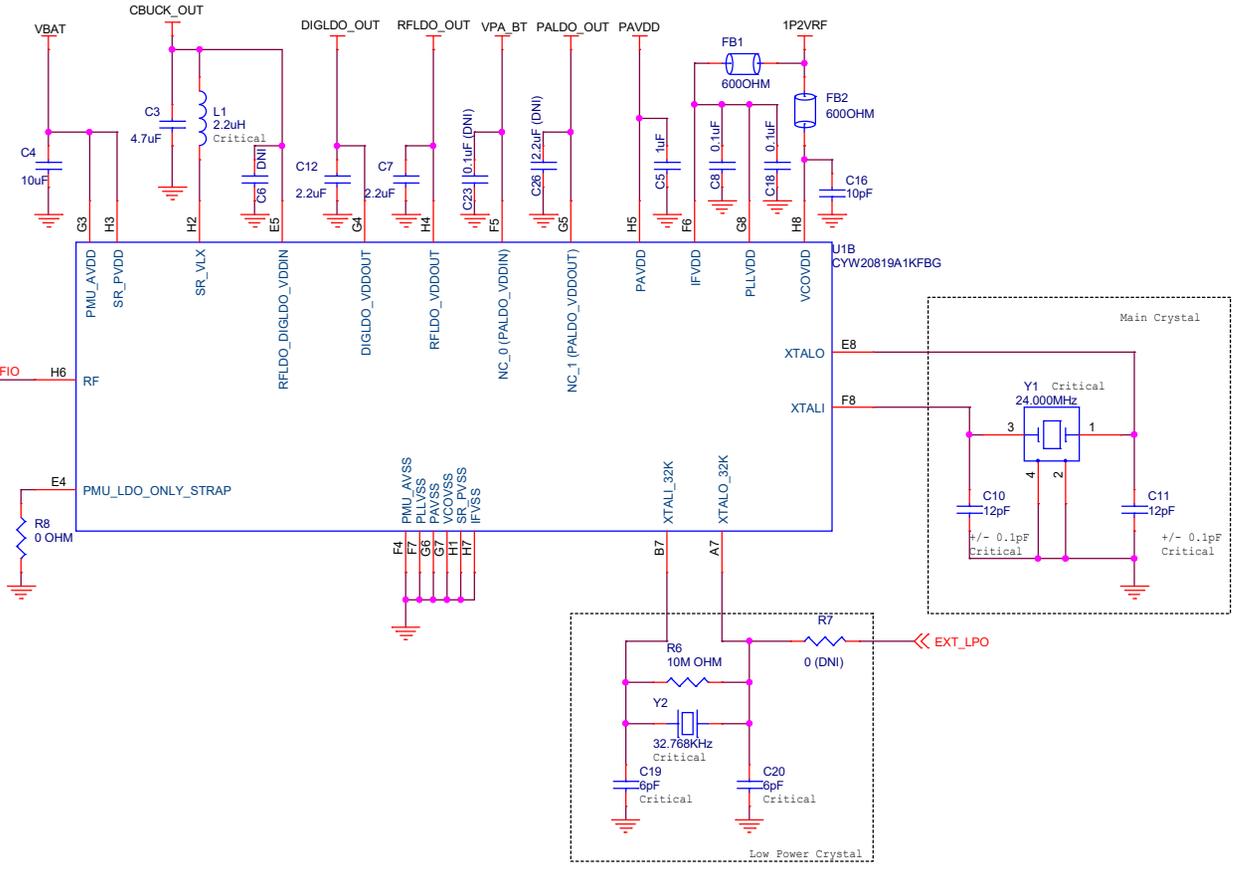
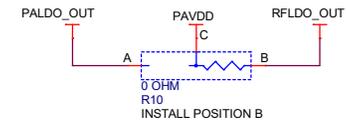
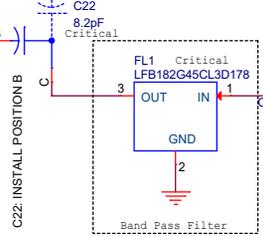
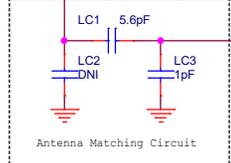
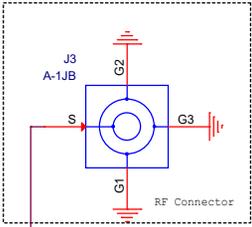
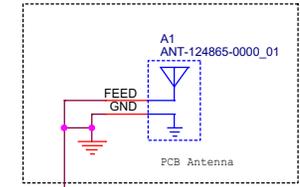
Title		
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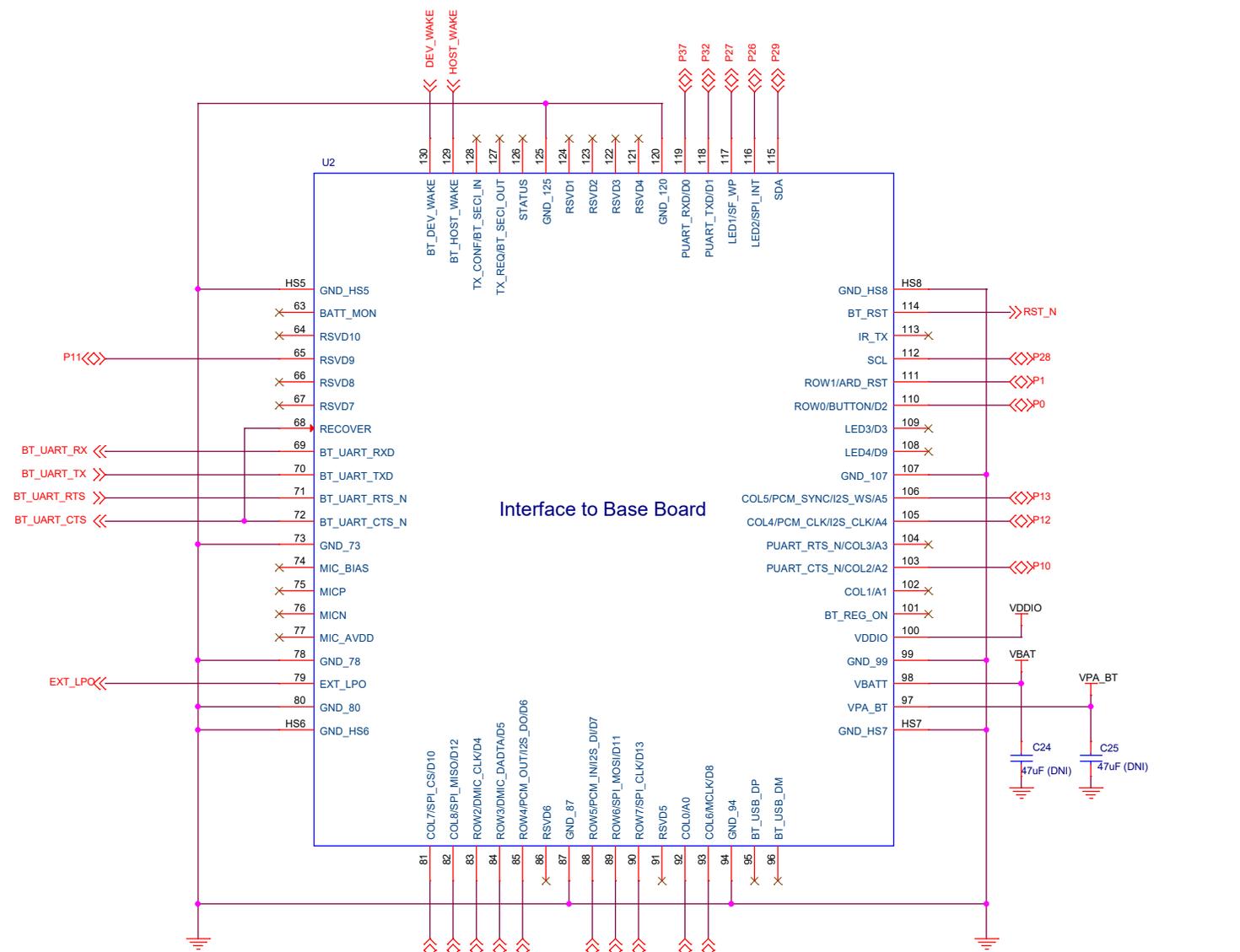
GPIO MAPPING TABLE:

A5:	P13	D0:	P37
A4:	P12	D1:	P32
A3:	NC	D2:	P00
A2:	P10	D3:	NC
A1:	NC	D4:	P02
A0:	P08	D5:	P03
LED1:	P27	D6:	P04
LED2:	P26	D7:	P05
THERMISTOR:	A0 (P08)	D8:	P14
BUTTON:	D2 (P00)	D9:	NC
ARD_RST:	P01	D10:	P15
		D11:	P06
		D12:	P17
		D13:	P09
		SDA:	P29
		SCL:	P28

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Interface to Base Board

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