



The following document contains information on Cypress products. Although the document is marked with the name “Broadcom”, the company that originally developed the specification, Cypress will continue to offer these products to new and existing customers.

## CONTINUITY OF SPECIFICATIONS

There is no change to this document as a result of offering the device as a Cypress product. Any changes that have been made are the result of normal document improvements and are noted in the document history page, where supported. Future revisions will occur when appropriate, and changes will be noted in a document history page.

## CONTINUITY OF ORDERING PART NUMBERS

Cypress continues to support existing part numbers. To order these products, please use only the Cypress Ordering Part Number listed in the table.

Broadcom Ordering Part Number	Cypress Ordering Part Number	Broadcom Ordering Part Number	Cypress Ordering Part Number
BCM20706	CYW20706	BCM920739WCDEVAL	CYW920739WCDEVAL
BCM920706V2_EVAL	CYW920706V2_EVAL	BCM20735	CYW20735
BCM20729	CYW20729	BCM920735WCDEVAL	CYW920735WCDEVAL
BCM20719	CYW20719		

## FOR MORE INFORMATION

Please visit our website at [www.cypress.com](http://www.cypress.com) or contact your [local sales office](#) for additional information about Cypress products and services.

## OUR CUSTOMERS

Cypress is for true innovators – in companies both large and small.

Our customers are smart, aggressive, out-of-the-box thinkers who design and develop game-changing products that revolutionize their industries or create new industries with products and solutions that nobody ever thought of before.

## ABOUT CYPRESS

Founded in 1982, Cypress is the leader in advanced embedded system solutions for the world’s most innovative automotive, industrial, home automation and appliances, consumer electronics and medical products. Cypress’s programmable systems-on-chip, general-purpose microcontrollers, analog ICs, wireless and USB-based connectivity solutions and reliable, high-performance memories help engineers design differentiated products and get them to market first.

Cypress is committed to providing customers with the best support and engineering resources on the planet enabling innovators and out-of-the-box thinkers to disrupt markets and create new product categories in record time. To learn more, go to [www.cypress.com](http://www.cypress.com).

Revision History:

Rev -01 (04/26/16)

- 1) Initial release for buy BOM

Rev -02 (05/16/16)

- 1) First release


Rev -03 (06/28/16)

- 1) Renamed the net BCM\_VDDIO to VDDIO
- 2) Renamed the net 1P8V\_FTDI to 1V8\_FTDI
- 3) Changed LC2 to 3.9nH
- 4) Changed LC3 to 1.5nH

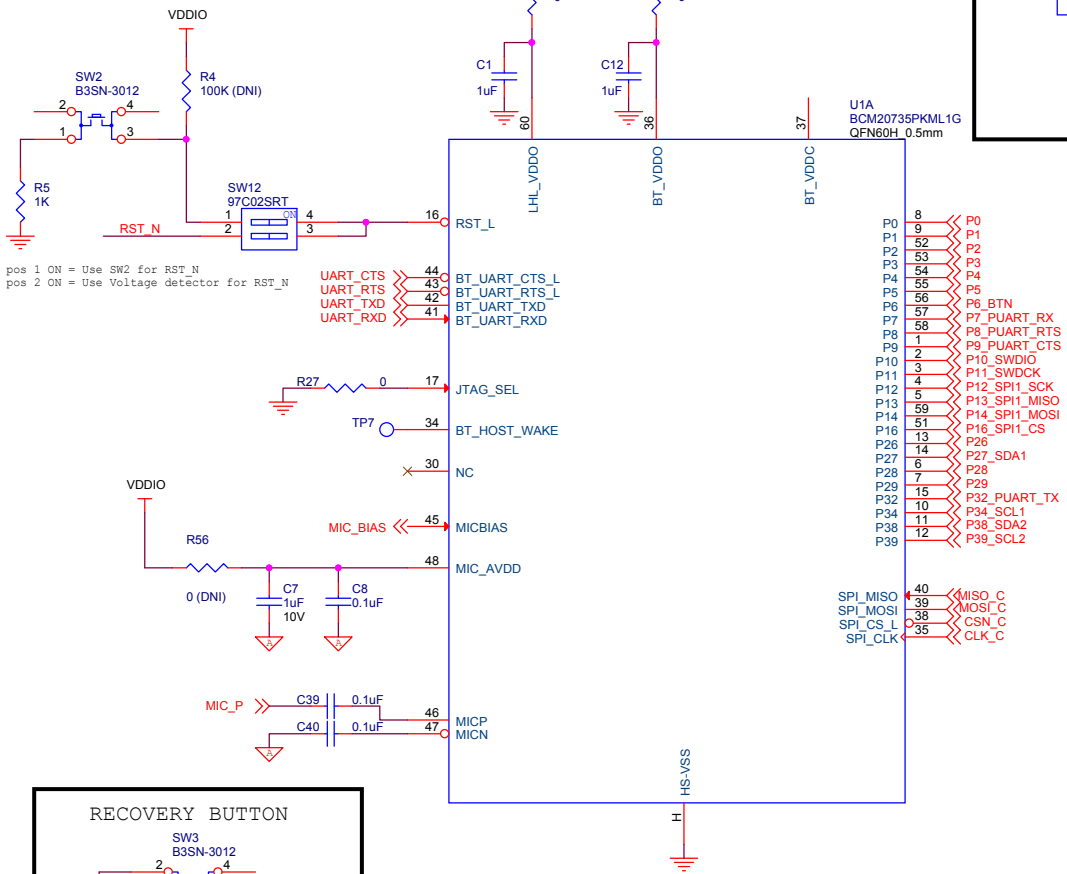
PAGE1: COVER PAGE  
PAGE2: BASEBAND & MEMORY  
PAGE3: RADIO  
PAGE4: POWER & IO  
PAGE5: UART



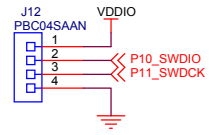
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Title BCM920735WCDEVAL COVER PAGE		
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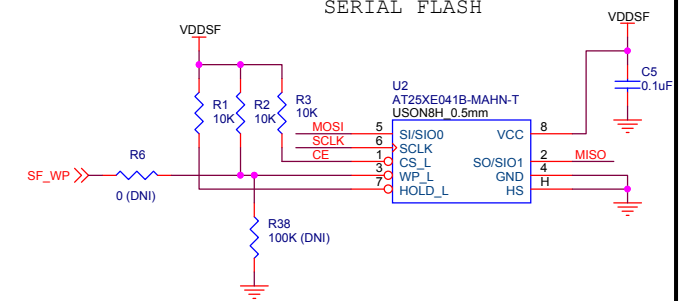
Hold SW2 to keep RST\_N Low



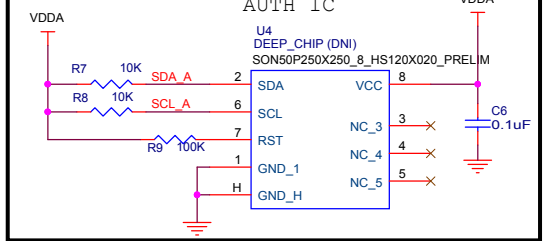
## DEBUG INTERFACE



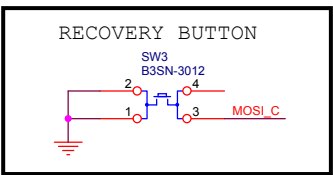
## SERIAL FLASH



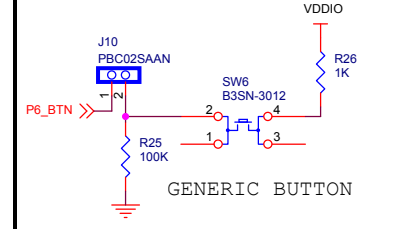
## AUTH IC



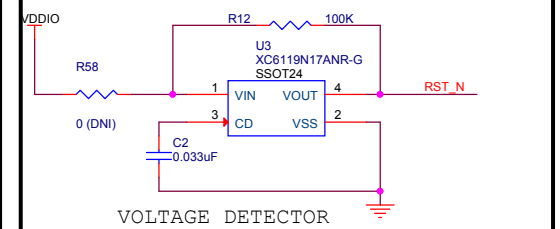
## RECOVERY BUTTON



## GENERIC BUTTON

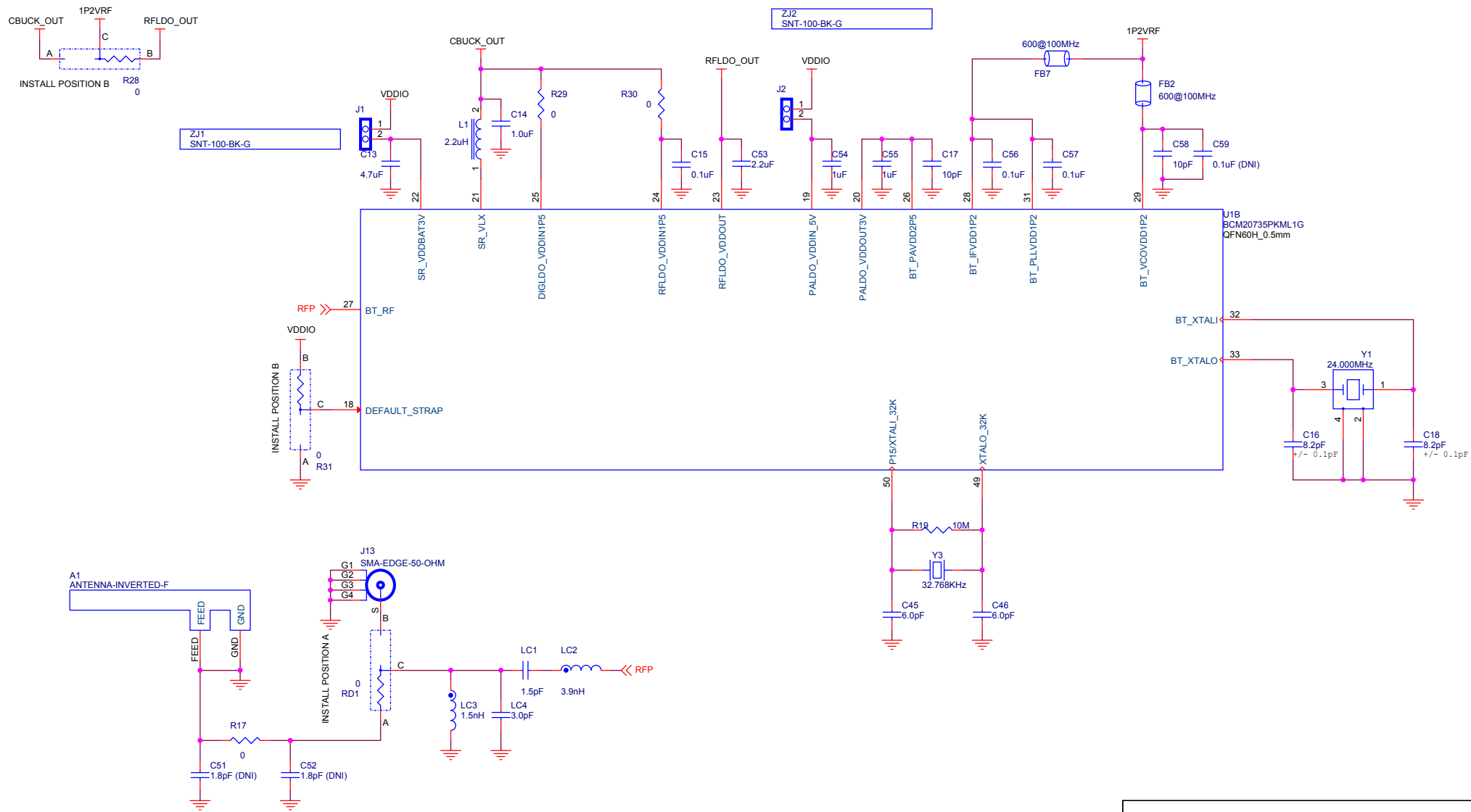


## VOLTAGE DETECTOR



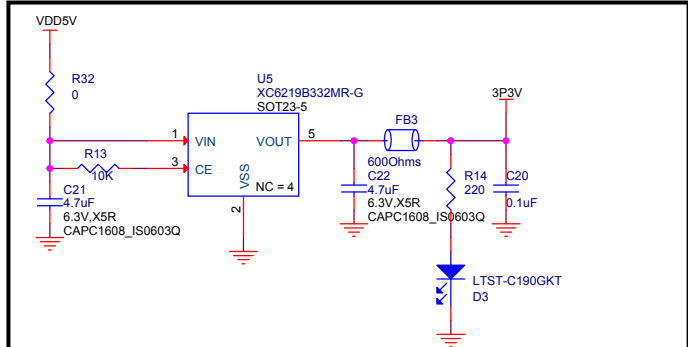
Title			
BCM920735WCDEVAL BASEBAND PAGE			
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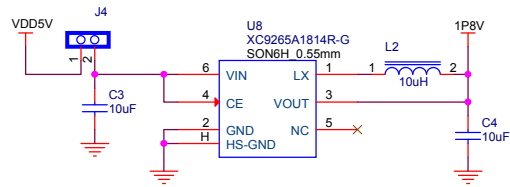


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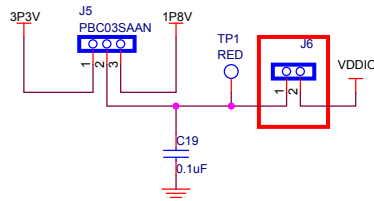
Title			
BCM920735WCDEVAL RF PAGE			
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D3: Green, Indicating that 3P3V is on



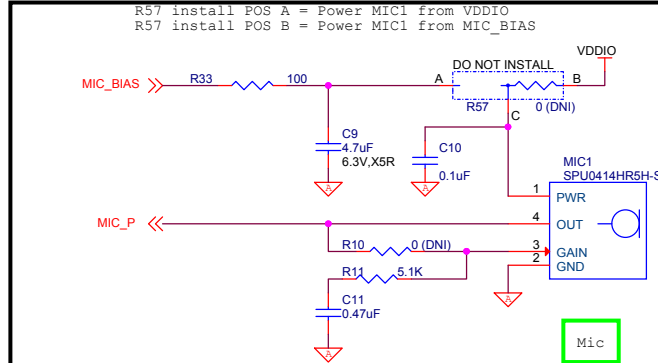
For 3.3V IO Option: Remove J4, Install J5 Pos 1-2.  
For 1.8V IO Option: Install J4, Install J5 Pos 2-3.



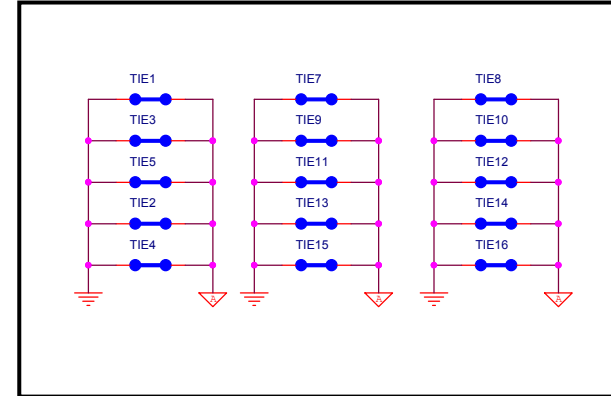
To Measure Current,  
Place the Amp Meter across J6

J5\_1\_2  
SNT-100-BK-G

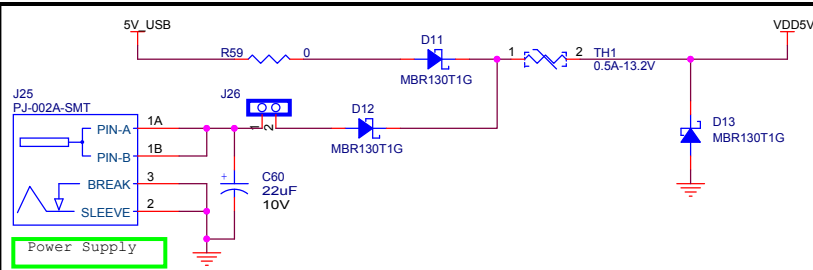
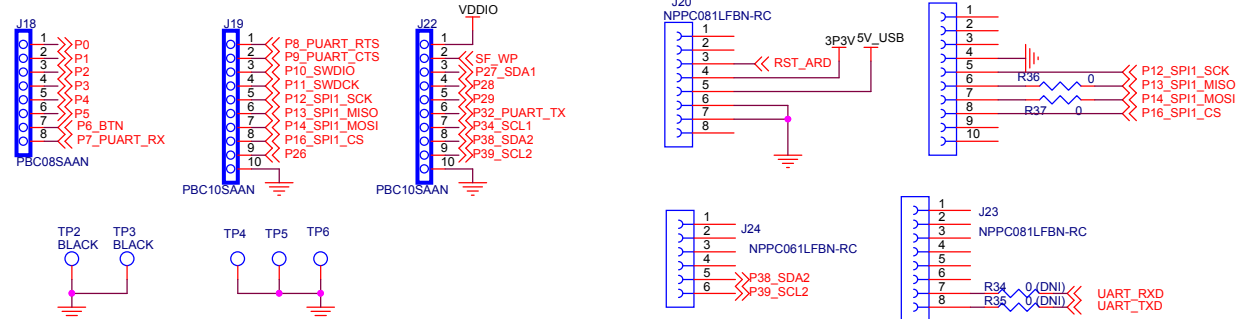
J6  
SNT-100-BK-G



Mic

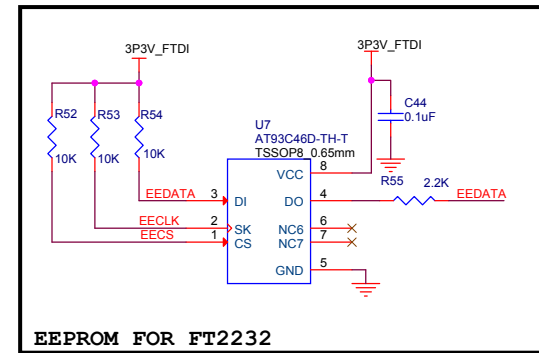
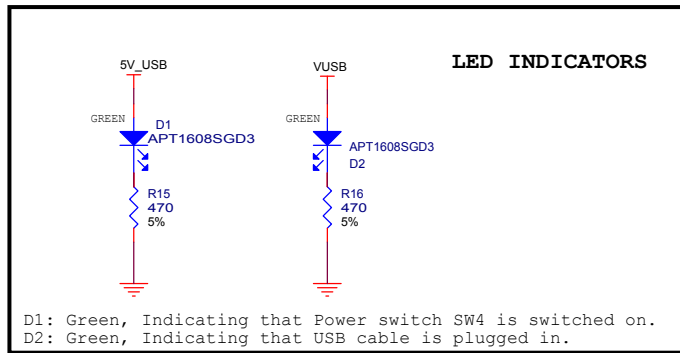
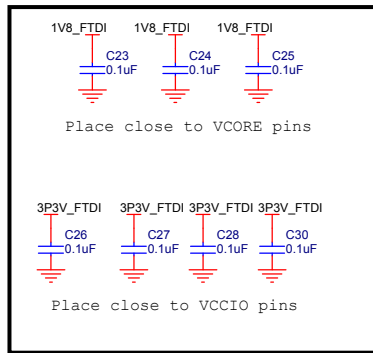
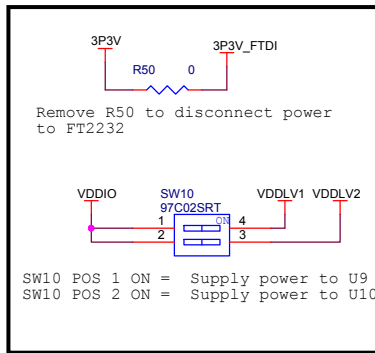
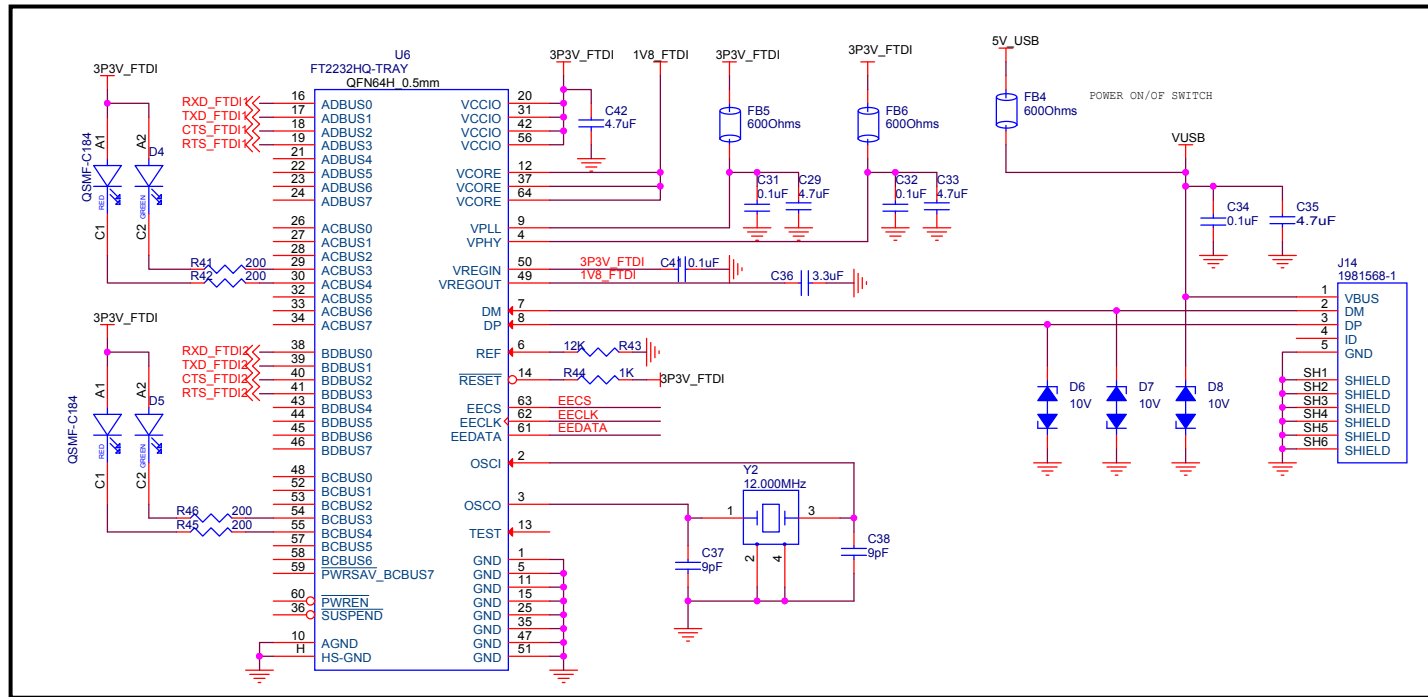
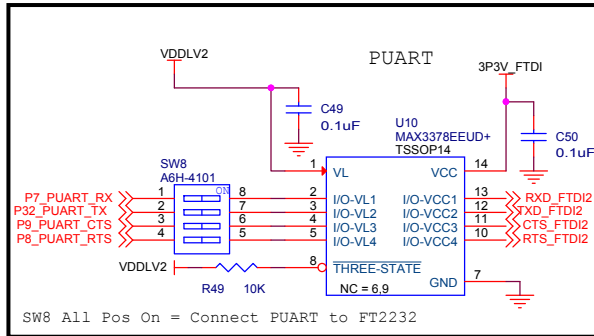
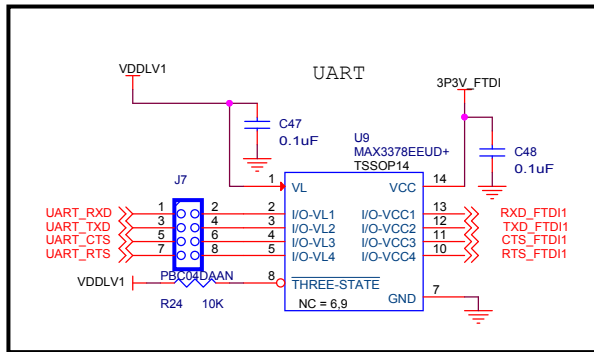


### TEST HEADERS & TEST POINTS



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ZJ7\_1\_2 SNT-100-BK-G    ZJ7\_3\_4 SNT-100-BK-G    ZJ7\_5\_6 SNT-100-BK-G    ZJ7\_7\_8 SNT-100-BK-G

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