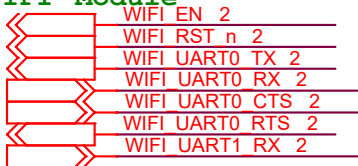


RFS Daughter Card

Communications

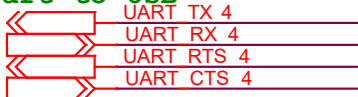
WIFI Module



Bluetooth Module



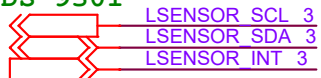
Uart to USB



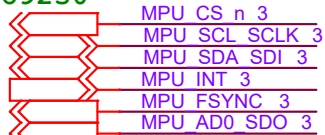
TX,RX define base on FPGA side

Sensors

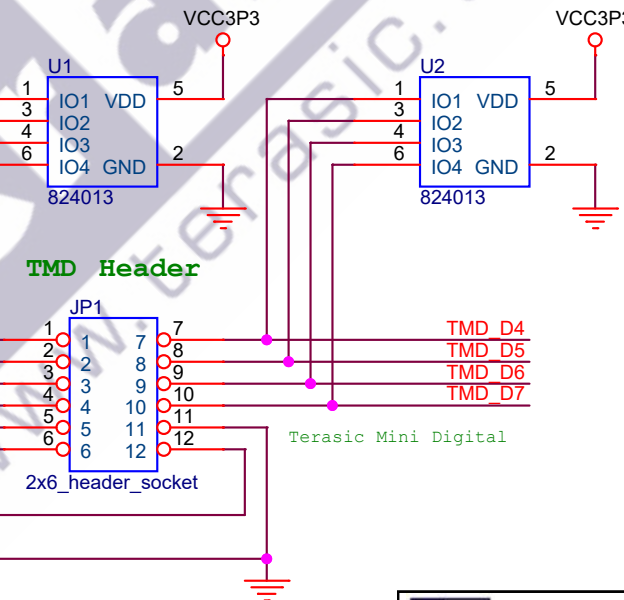
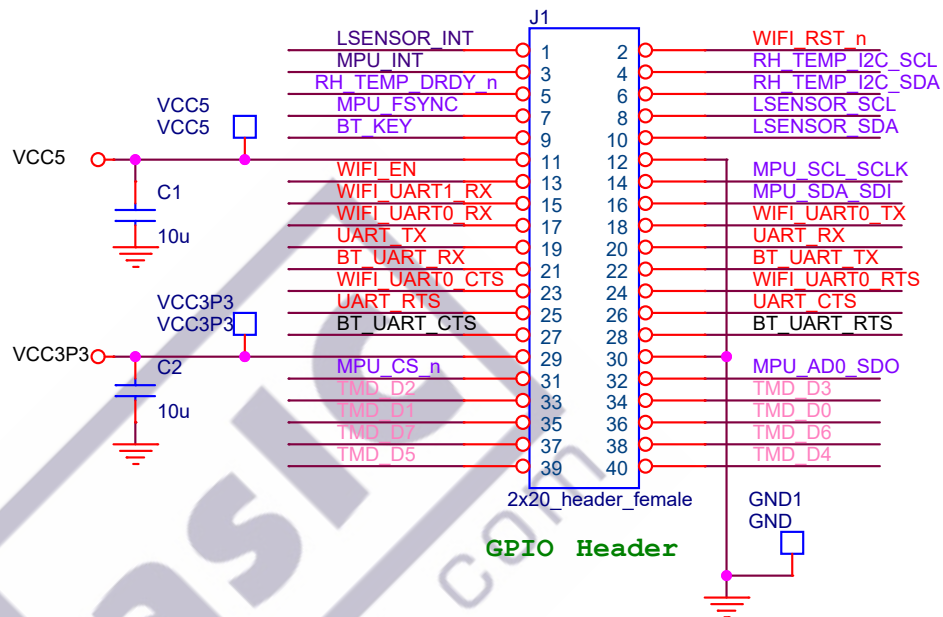
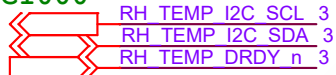
APDS-9301



MPU9250

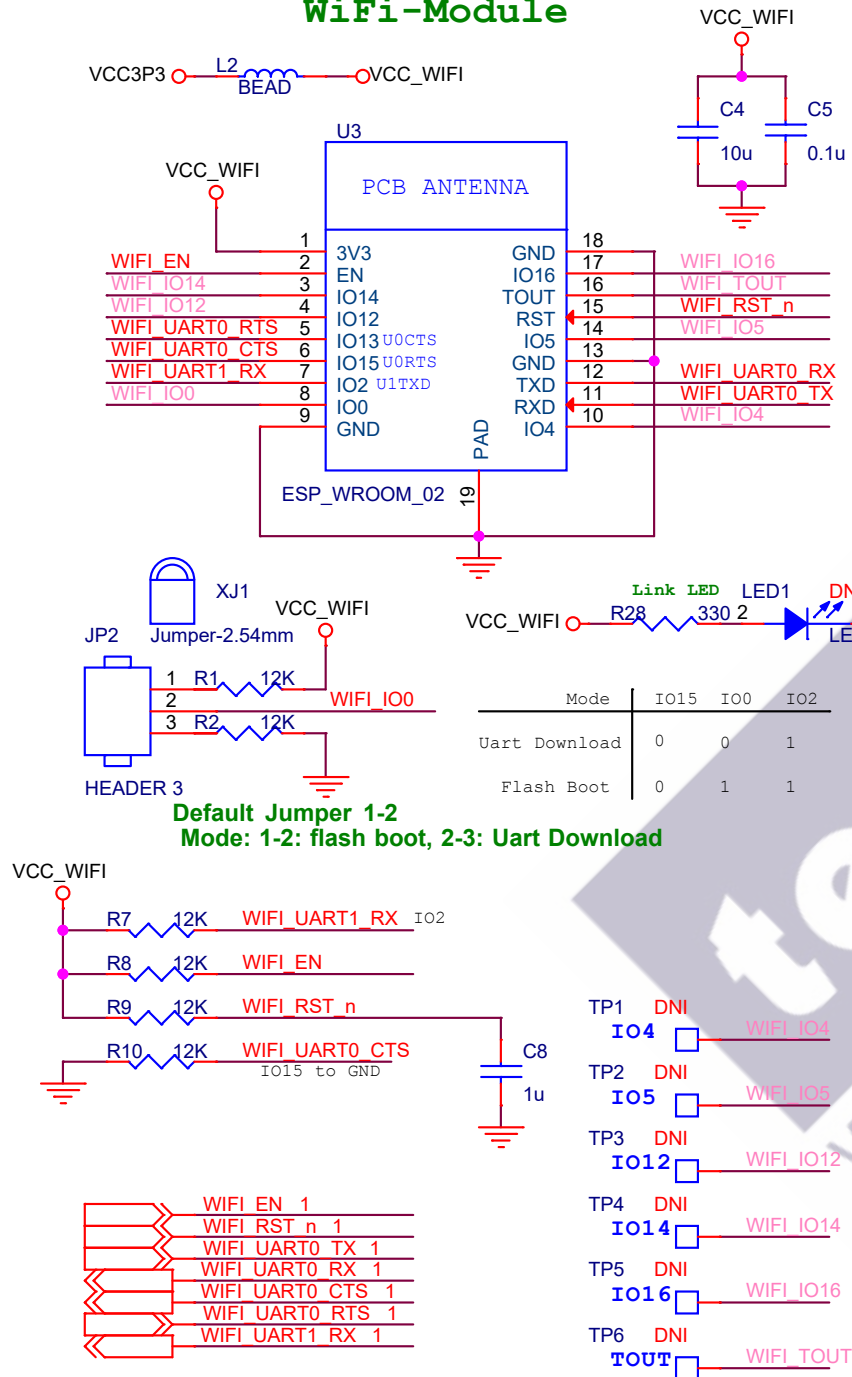


HDC1000

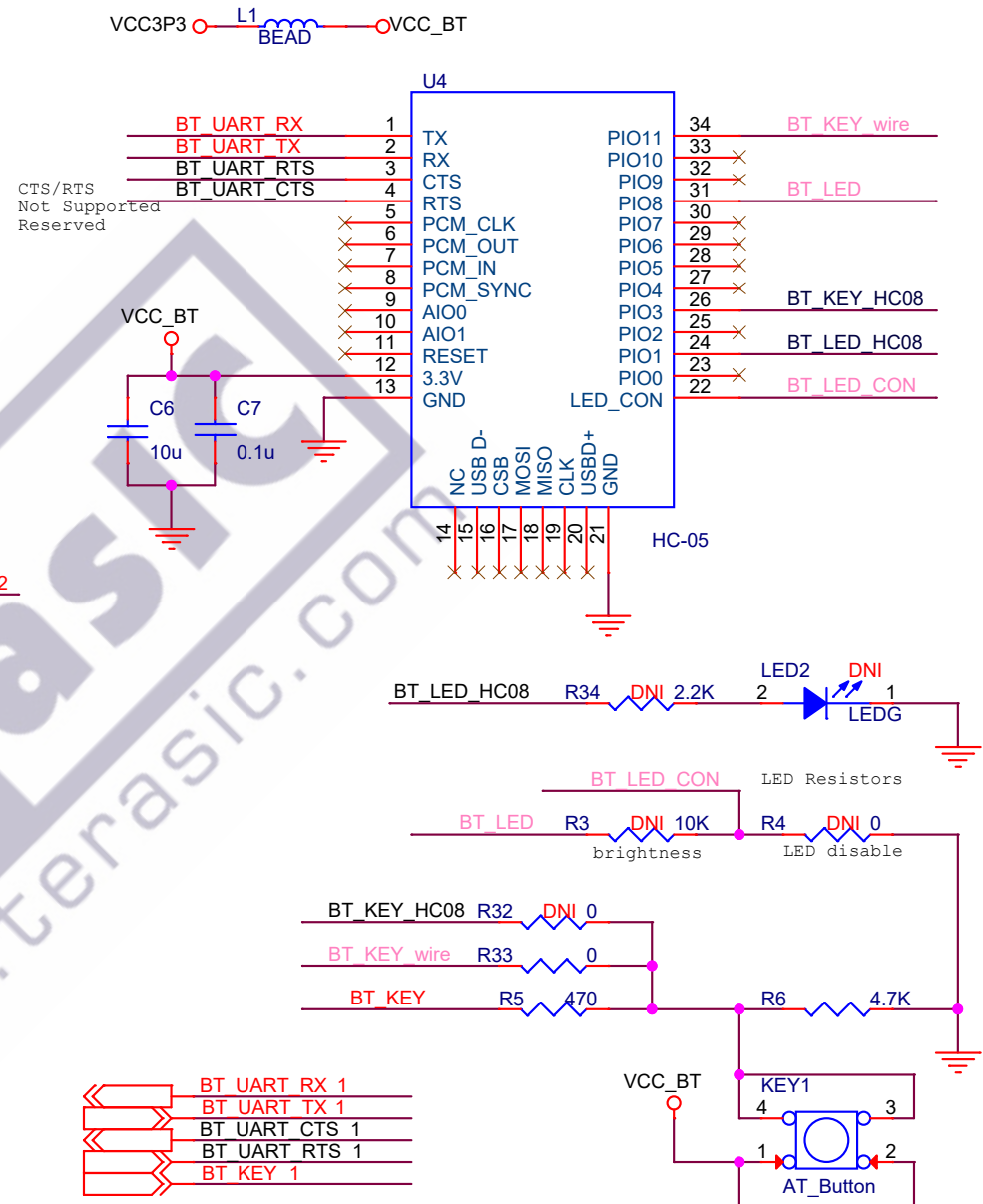



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Title		
RFS		
Size	Document Number	Rev
A	GPIO interface & TMD Header	B
Date:	Thursday, February 09, 2017	Sheet 1 of 4

WiFi-Module



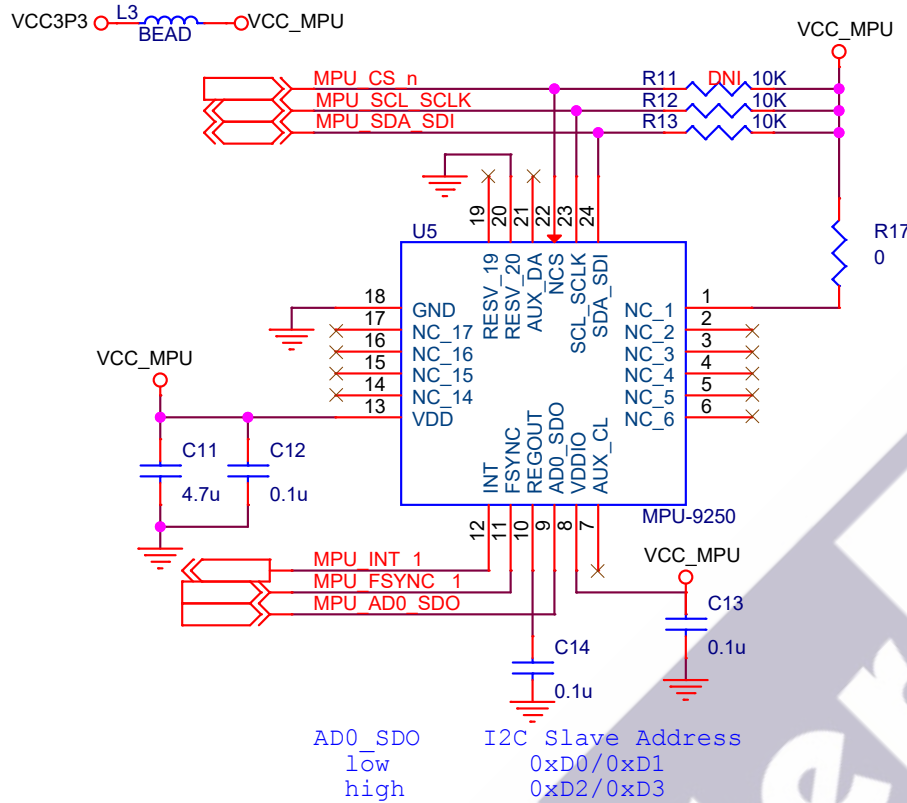
Bluetooth Module



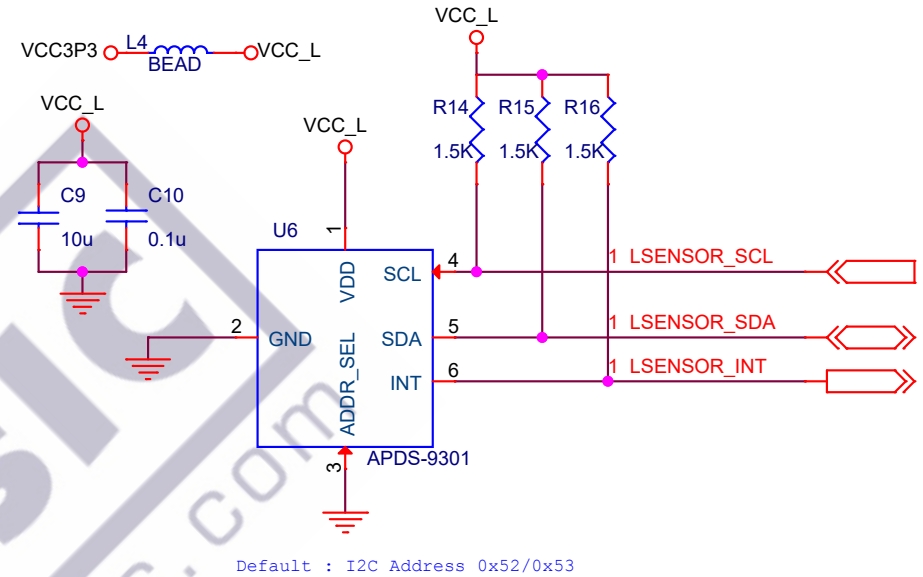
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Title			
RFS			
Size	Document Number		Rev
A	WiFi & Buletooth		B
Date:	Thursday, February 09, 2017		Sheet 2 of 4

Sensors

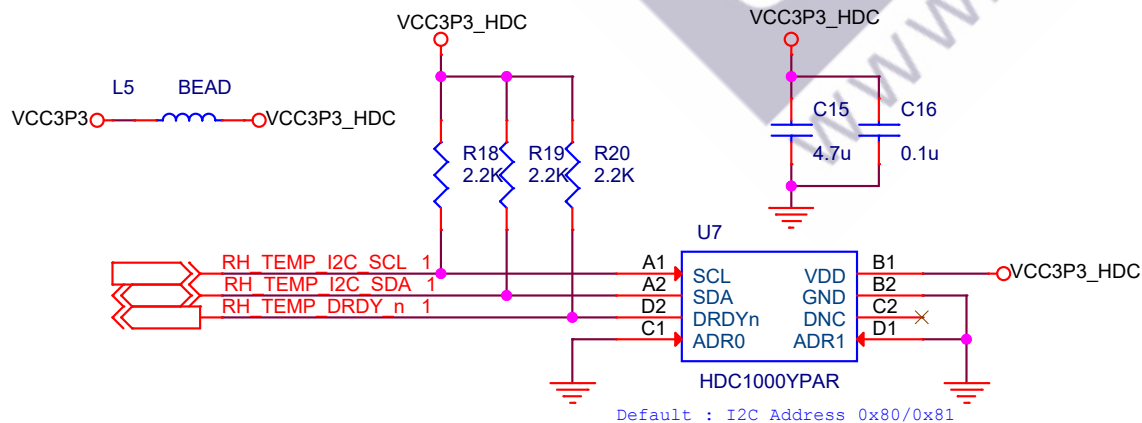
9-axis (accelerometer, gyroscope, magnetometer)




Ambient light sensor



humidity and temperature sensor



Note: keep the sensor away from heat area

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Title RFS		
Size A	Document Number Sensors	Rev B
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Uart to USB

