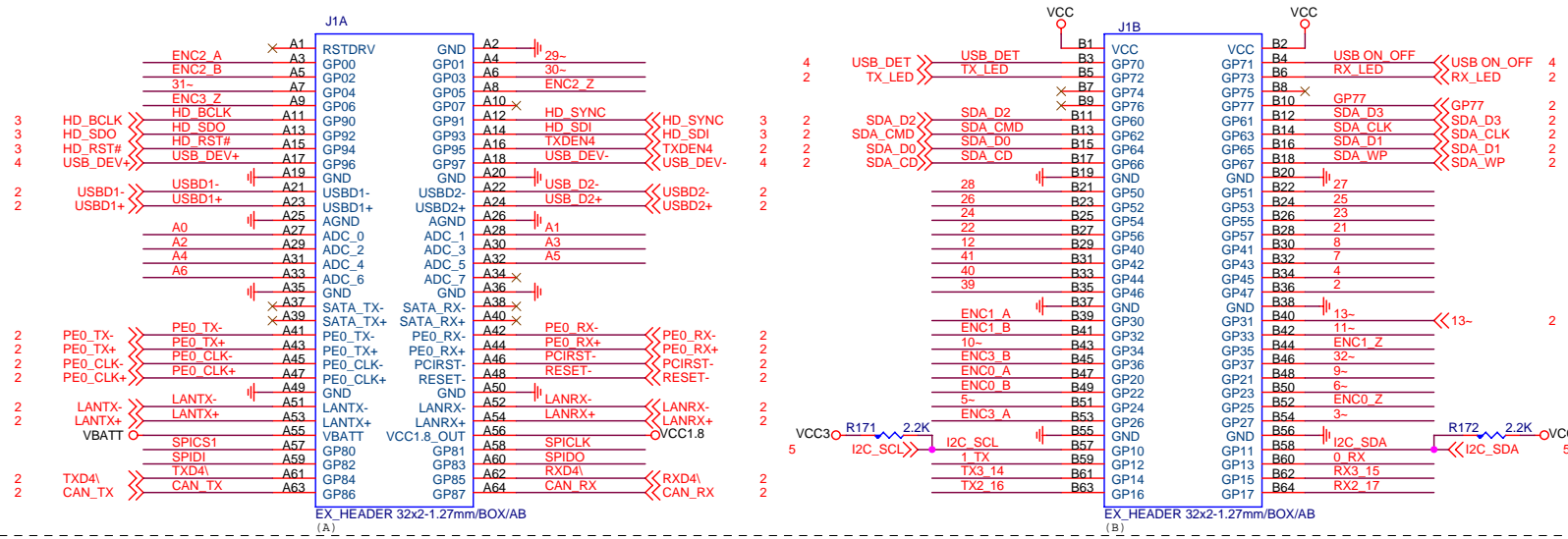
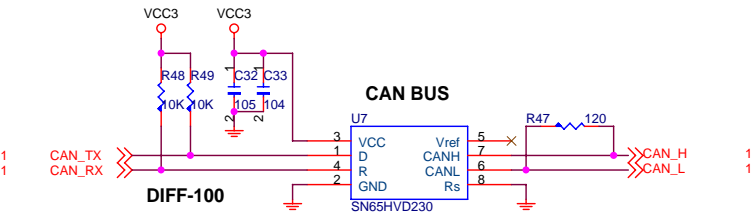
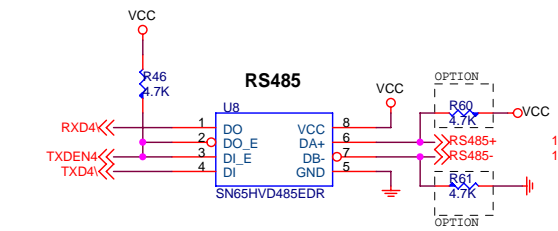
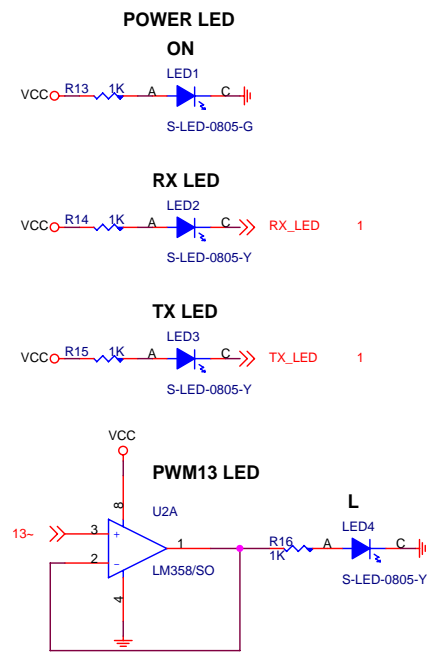
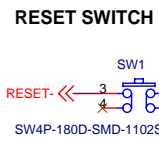
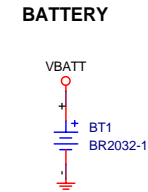
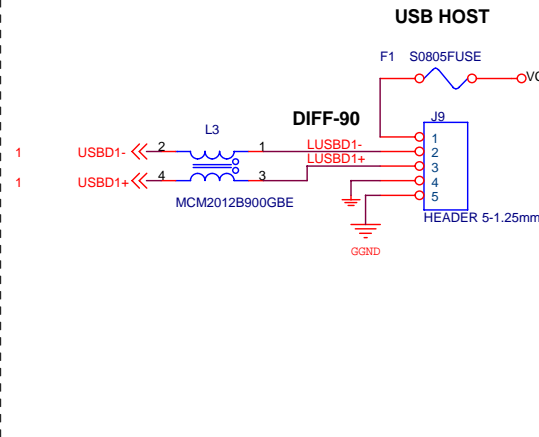
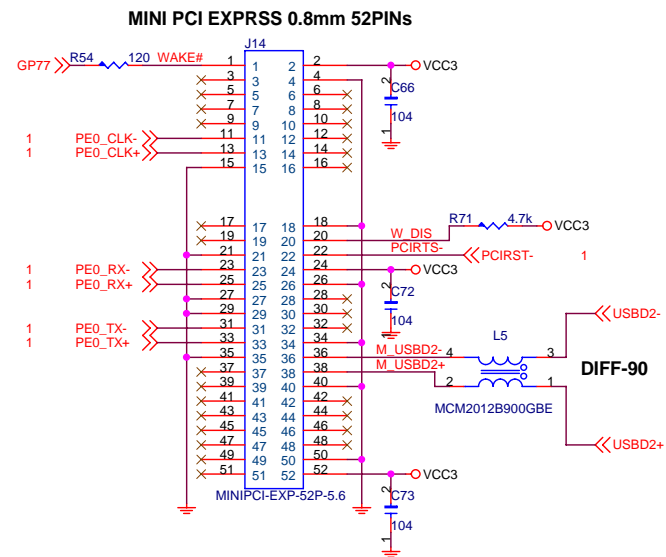
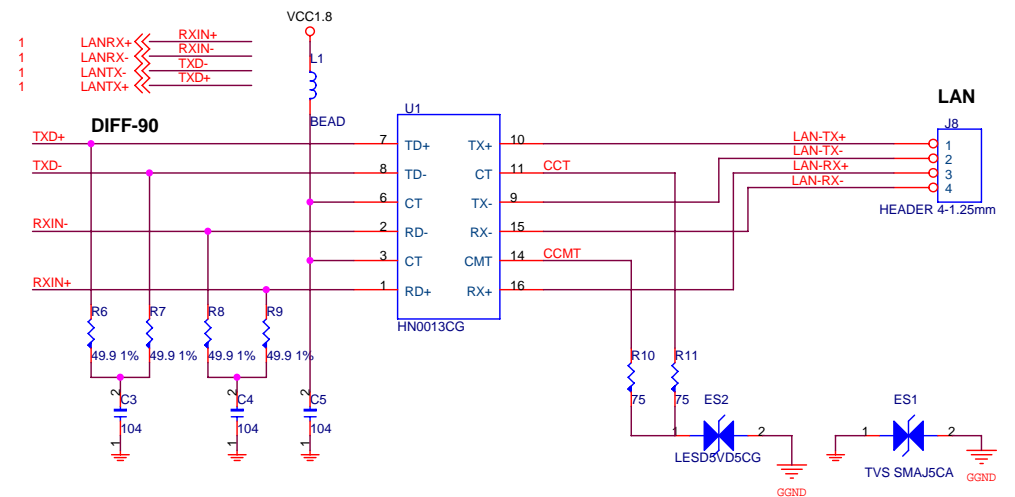
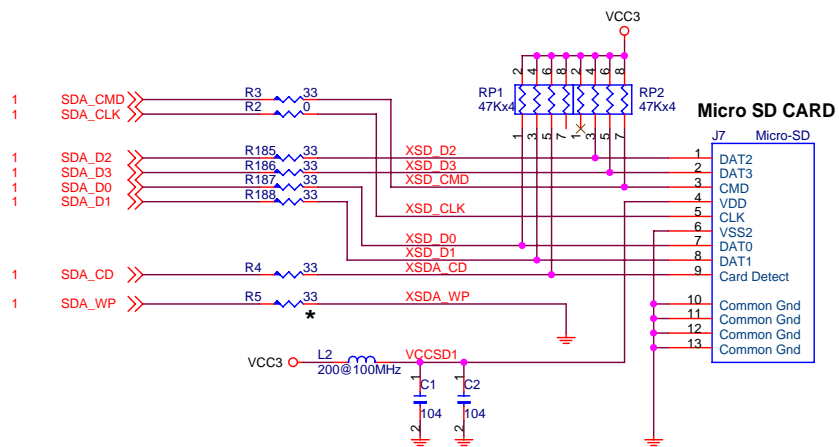


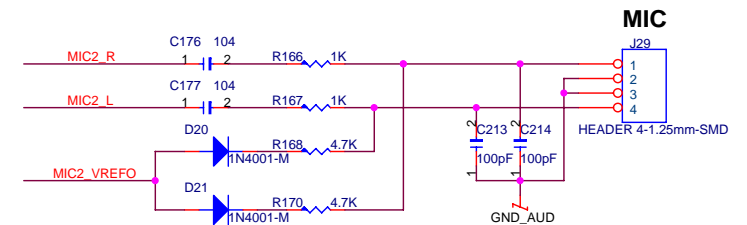
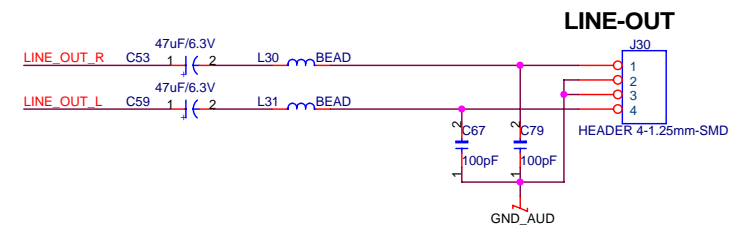
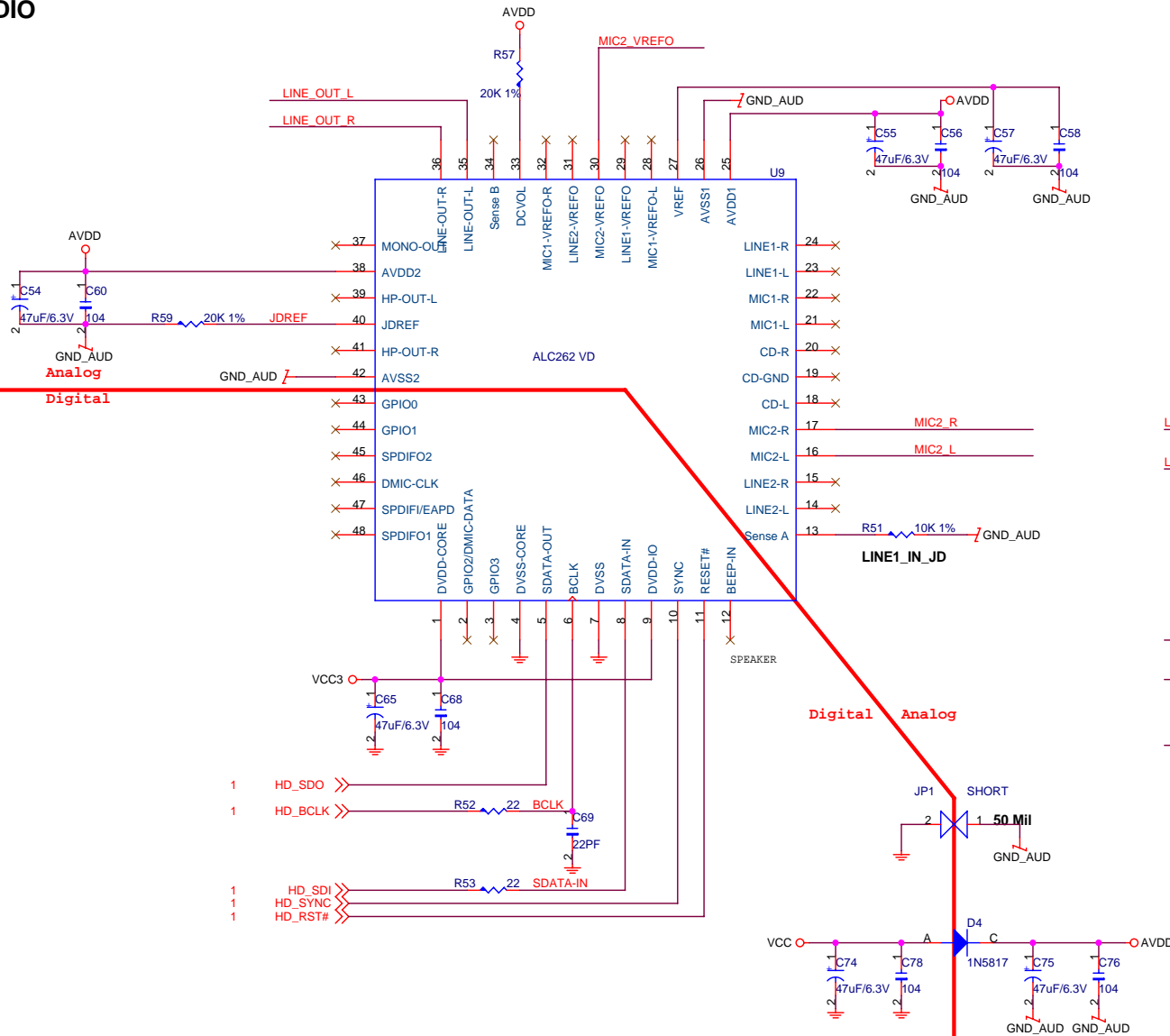
Vortex86EX SOM-128-EX Module





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Title		
SD/LAN/USB/LED/BAT/RST/MINI PCI/485/CAN		
Size	Document Number	Rev
DM223A		1.0
Date:	Thursday, August 01, 2013	Sheet 2 of 5

HD AUDIO

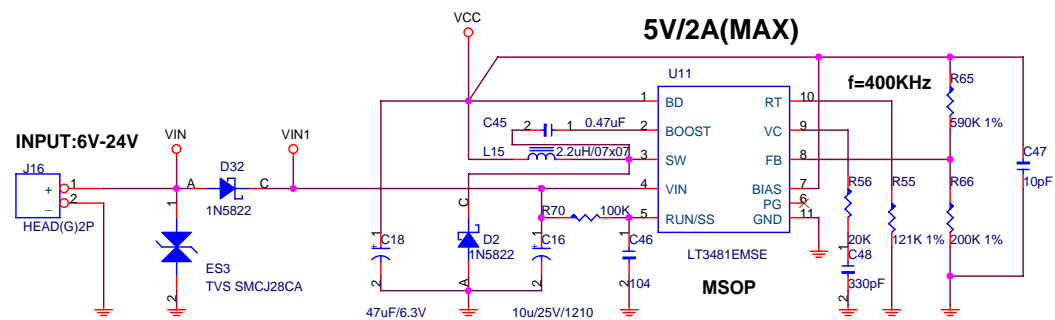


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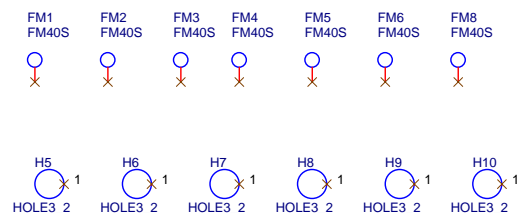
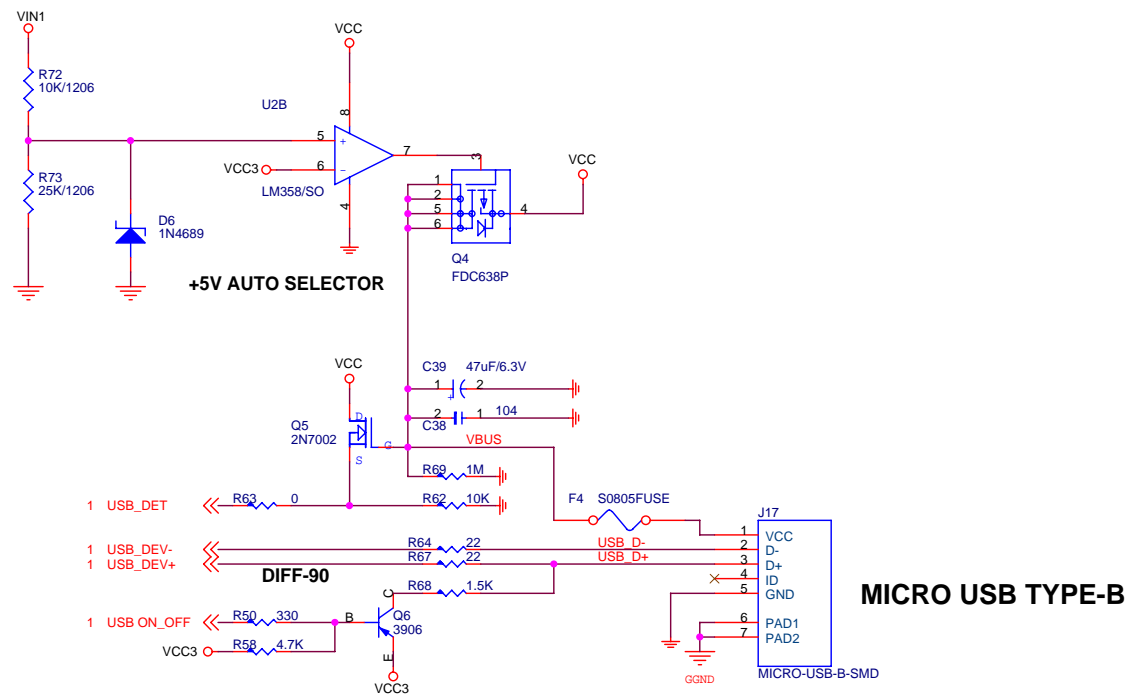
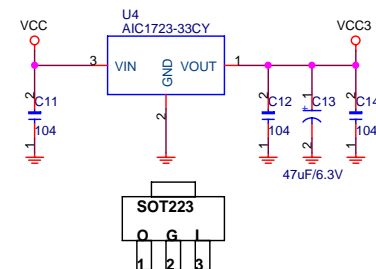
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Size	Document Number DM223A		Rev 1.0
Date:	Wednesday, August 07, 2013	Sheet 3 of 5	

DC TO DC

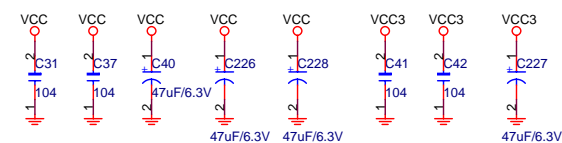
5V/2A(MAX)



OUT=3.3V/500mA SIZE=SOT-223



BY PASS

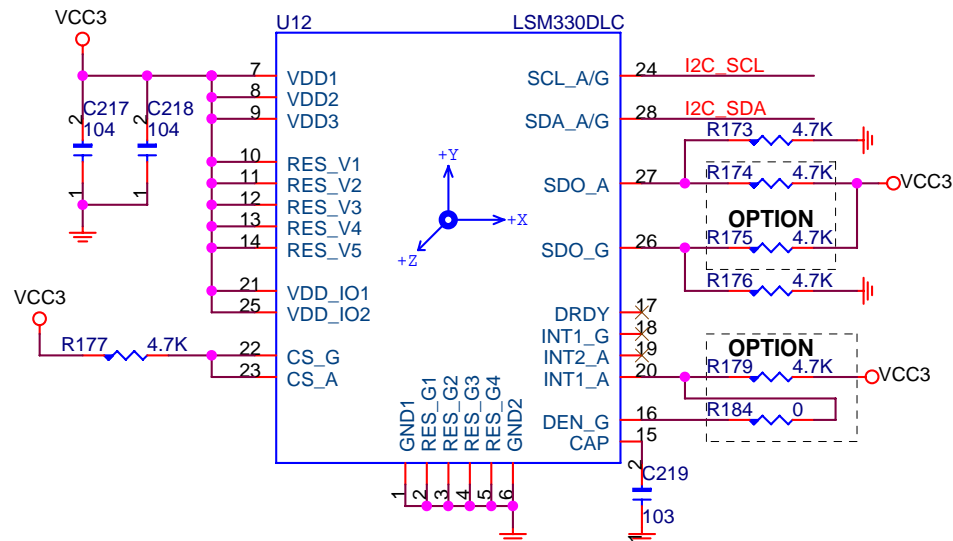


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Title			POWER BYPASS
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1 I2C_SCL I2C_SCL
1 I2C_SDA I2C_SDA

3D Accelerometer & GYRO



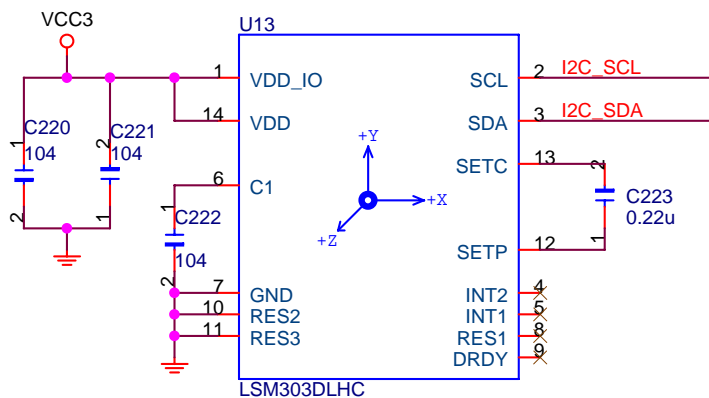
Linear acceleration Select
DEFAULT
SD0_A PULL LOW -> Read(31H)
SD0_A PULL LOW -> Write(30H)

OPTION
SD0_A PULL HI -> Read(33H)
SD0_A PULL HI -> Write(32H)

Angular rate Select
DEFAULT
SD0_G PULL LOW -> Read(D5H)
SD0_G PULL LOW -> Write(D4H)

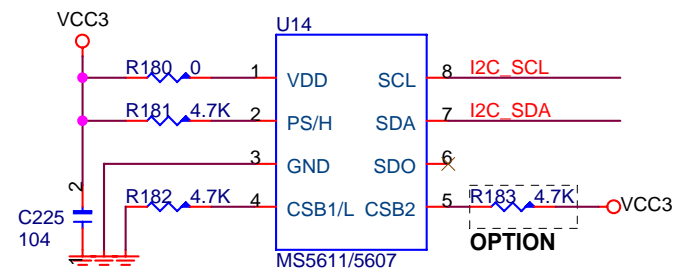
OPTION
SD0_G PULL HI -> Read(D7H)
SD0_G PULL HI -> Write(D6H)

Accelerometer & Compass



Linear acceleration Read(33H)
Linear acceleration Write(32H)
Magnetic field Read (3DH)
Magnetic field write (3CH)

Barometric Pressure & Temperature



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Title accelerometer&GYRO+Compass+Brometric pressure&temperature		
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