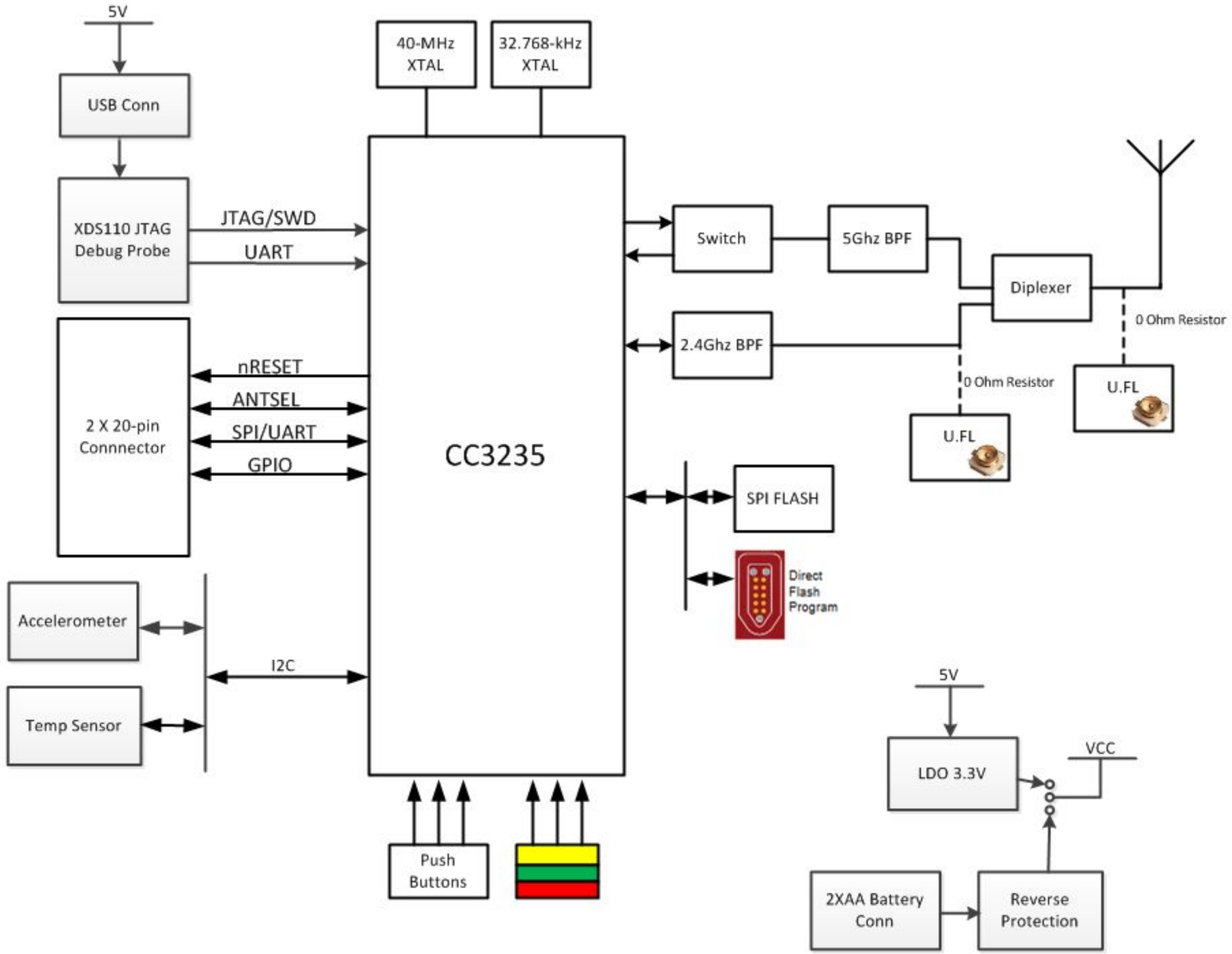
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
A	N/A	2-23-2018	Rizwan Murji	Initial Release
D1			Rizwan Murji	1) RC network on pin 28,29, Pin 26



Orderable: LAUNCHXL-CC3235S		Designed for: Public Release	Mod. Date: 12/18/2018
TID #: N/A		Project Title: LAUNCHXL-CC3235(S & SF)	
Number: MCU014	Rev: B	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 1 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_CoverSheet.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	

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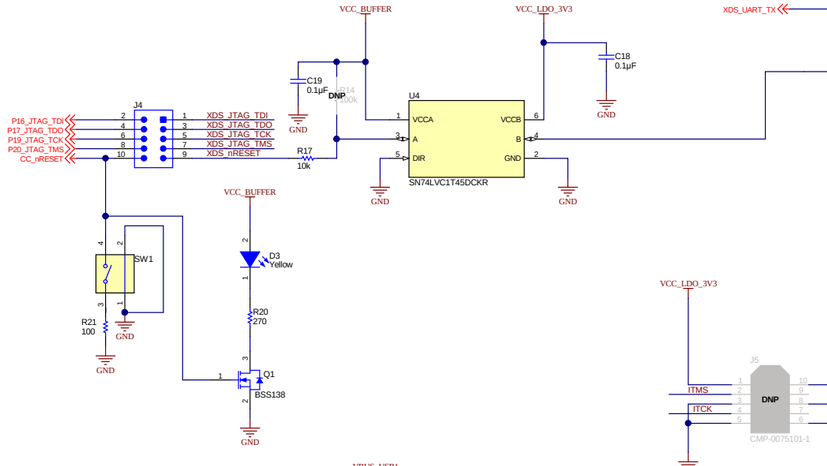
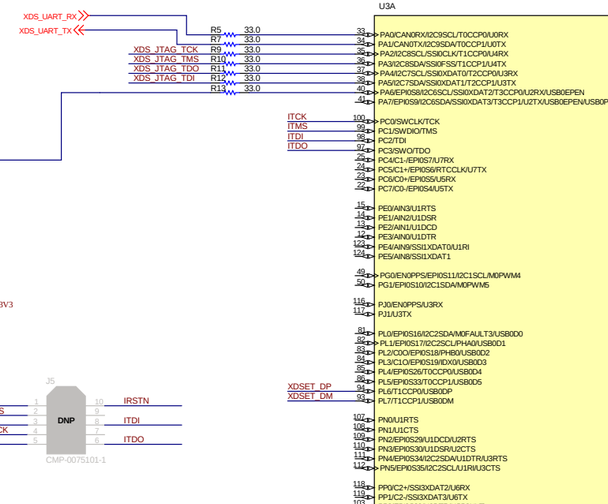
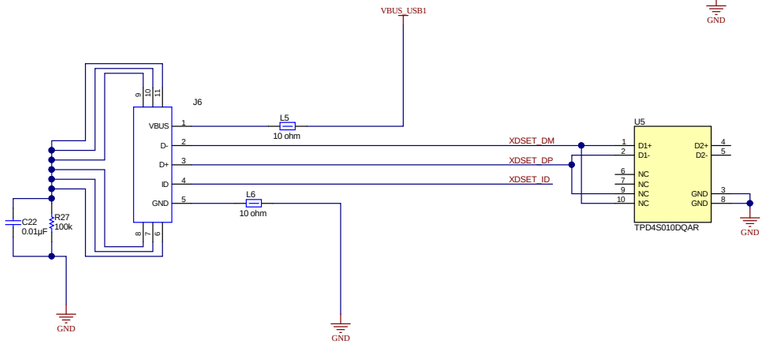
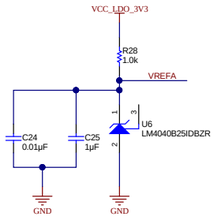
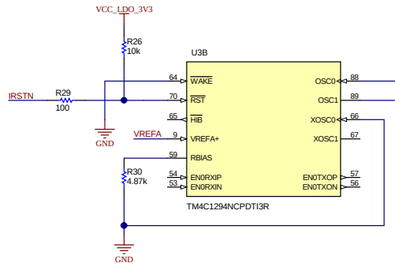
EMULATION CIRCUIT

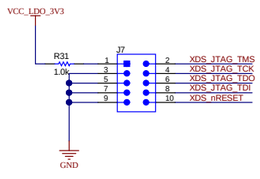


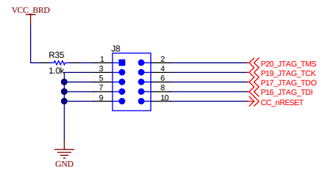


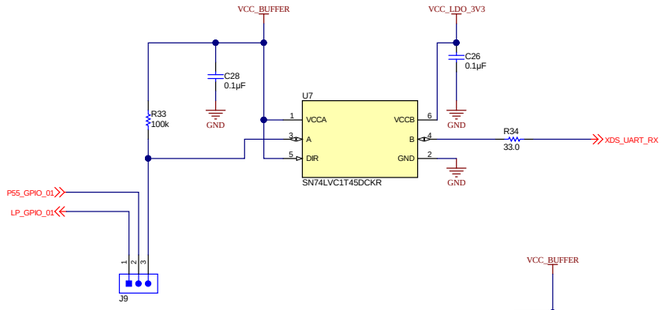


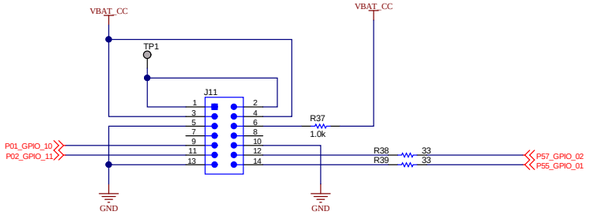


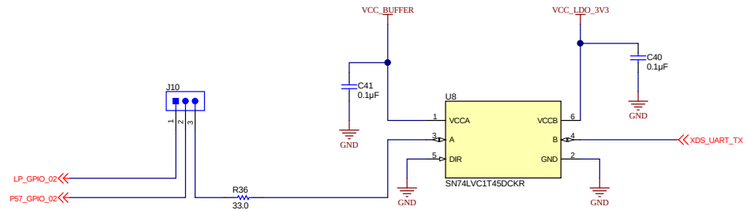


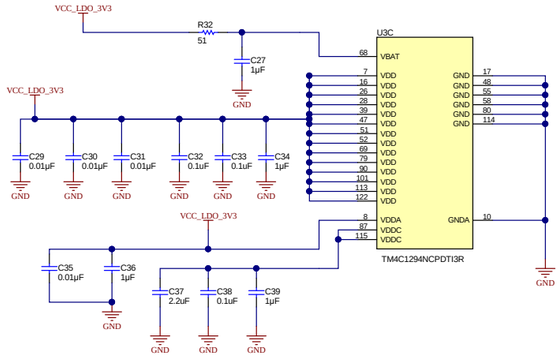












Orderable: LAUNCHXL-CC3235S		Designed for: Public Release	Mod. Date: 12/18/2018
TID #: N/A		Project Title: LAUNCHXL-CC3235(S & SF)	
Number: MCU014	Rev: B	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 2 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_EmulationCircuit.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	

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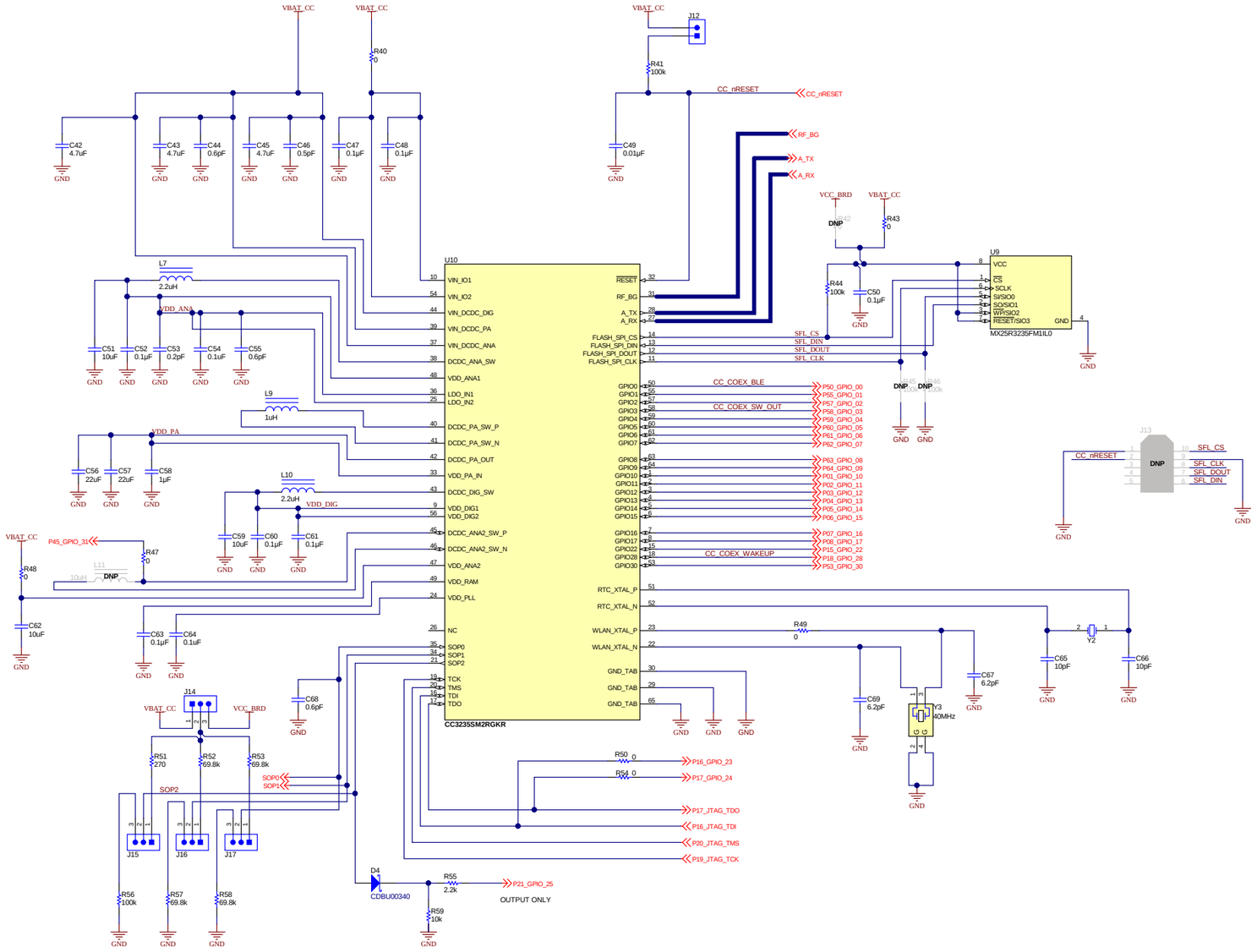

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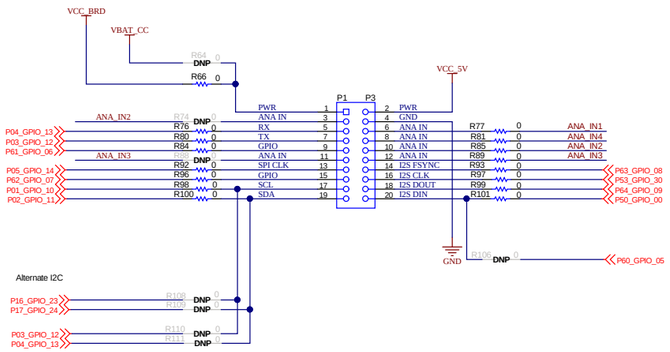
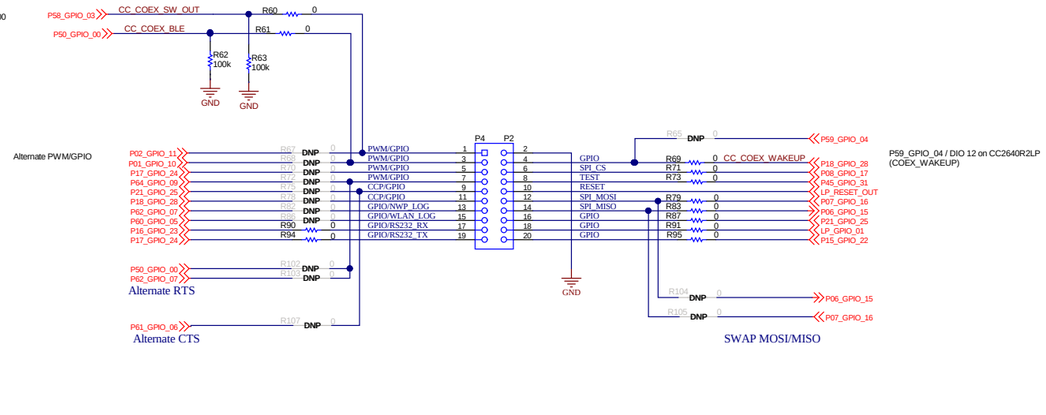
Number: MCU014	Rev: B	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 3 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_EngineArea.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	http://www.ti.com

BOOSTER PACK INTERFACE



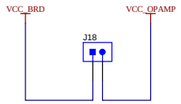
P58_GPIO_03 & P50_GPIO_00 can also be used for ANTSEL

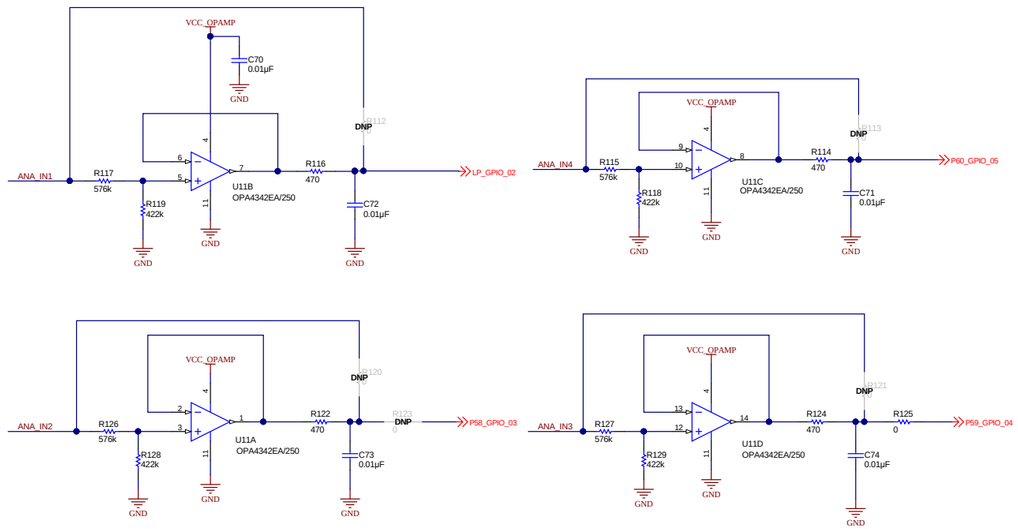
COEX_SW_OUT & CC_COEX_BLE_IN routed to ANTSEL on Diversity Board



P59_GPIO_04 / DIO 12 on CC2640R2LP (COEX_WAKEUP)

ADC DRIVER





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Number: MCU014	Rev: B	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 4 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_HostInterface_ADC.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	

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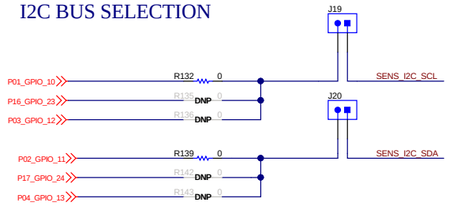
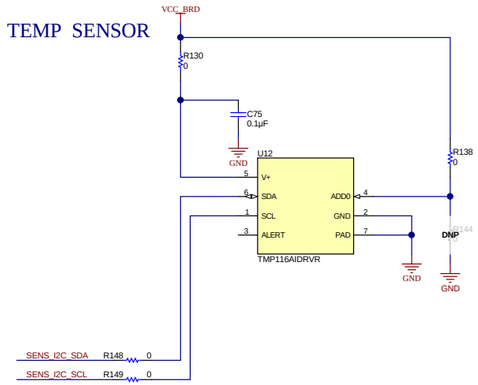
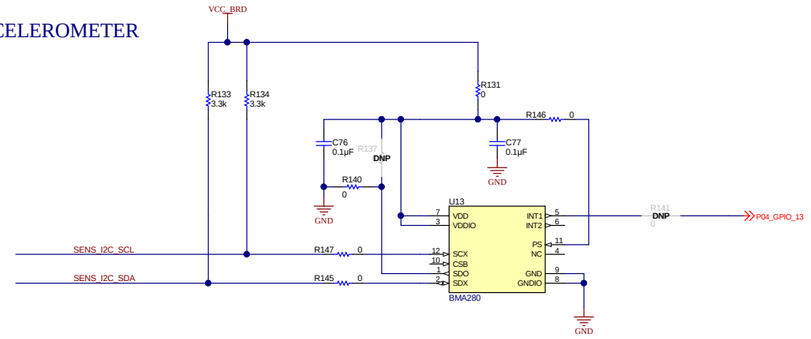
I2C BUS SELECTION



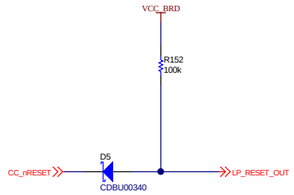
TEMP SENSOR

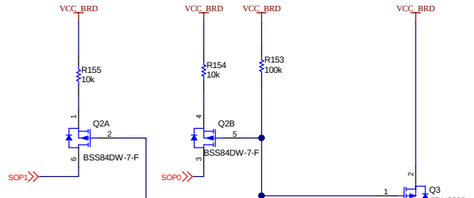


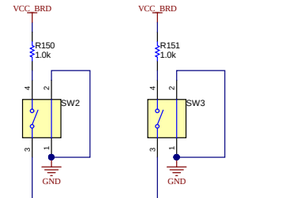
ACCELEROMETER



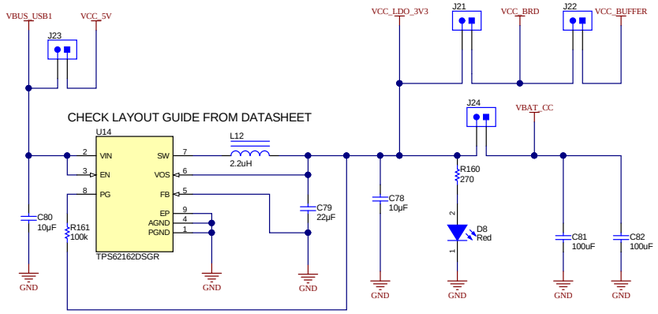
SWITCHES & RESET

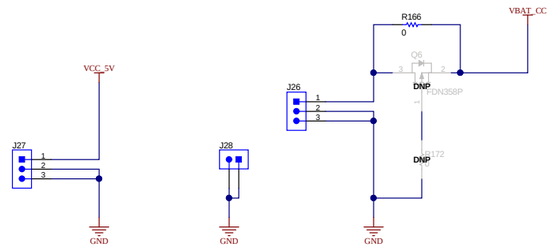




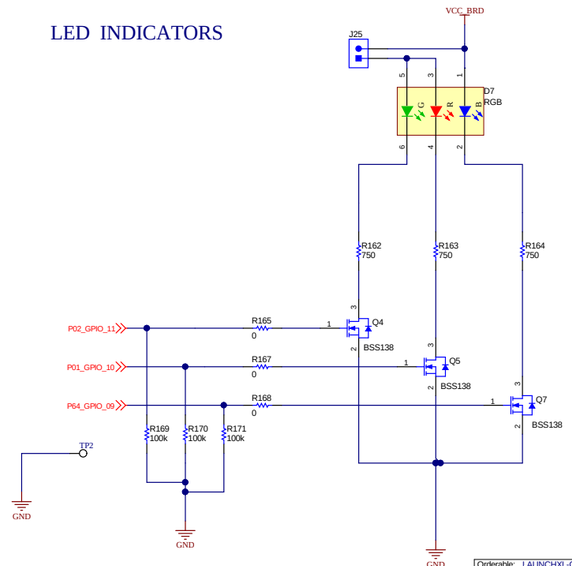


POWER MANAGEMENT





LED INDICATORS



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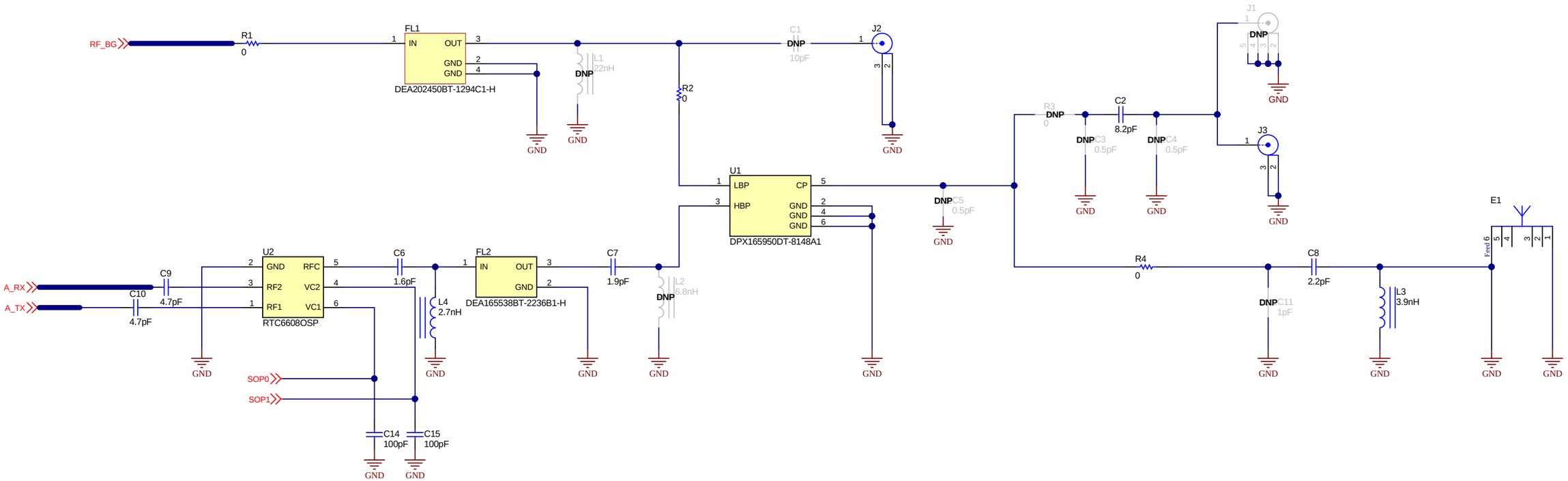
Number: MCU014	Rev: B	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 5 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_PowerLedsSwitchSensors.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	



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SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 6 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_AntennaRFSection.SchDoc	Size: B
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	

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FID1 FID2 FID3 FID4 FID5 FID6

DNP DNP DNP DNP DNP DNP

PCB Number: MCU014
PCB Rev: B

PCB
LOGO
Texas Instruments

PCB
LOGO
WEEE logo

PCB
LOGO
FCC disclaimer

PCB
LOGO
ESD Susceptible

PCB
LOGO
Texas Instruments

SH-J3 SH-J4 SH-J5 SH-J6

SH-J7 SH-J8 SH-J9 SH-J10 SH-J11 SH-J12

SH-J13 SH-J14 SH-J15 SH-J16 SH-J17 SH-J18

SH-J19 SH-J20 SH-J21 SH-J22 SH-J23

H1
MECH
USB Cable

Label1
PCB Label
Size: 0.65" x 0.20 "

ZZ1
Label Assembly Note
This Assembly Note is for PCB labels only

Variant / Label Table	
001	LAUNCHXL-CC3235S
002	LAUNCHXL-CC3235SF

ZZ2
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 7 of 7
Drawn By: Vince Rodriguez		File: MCU014B_D1_EVM_Hardware.SchDoc	Size: C
Engineer: Vince Rodriguez		Contact: http://www.ti.com/support	

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