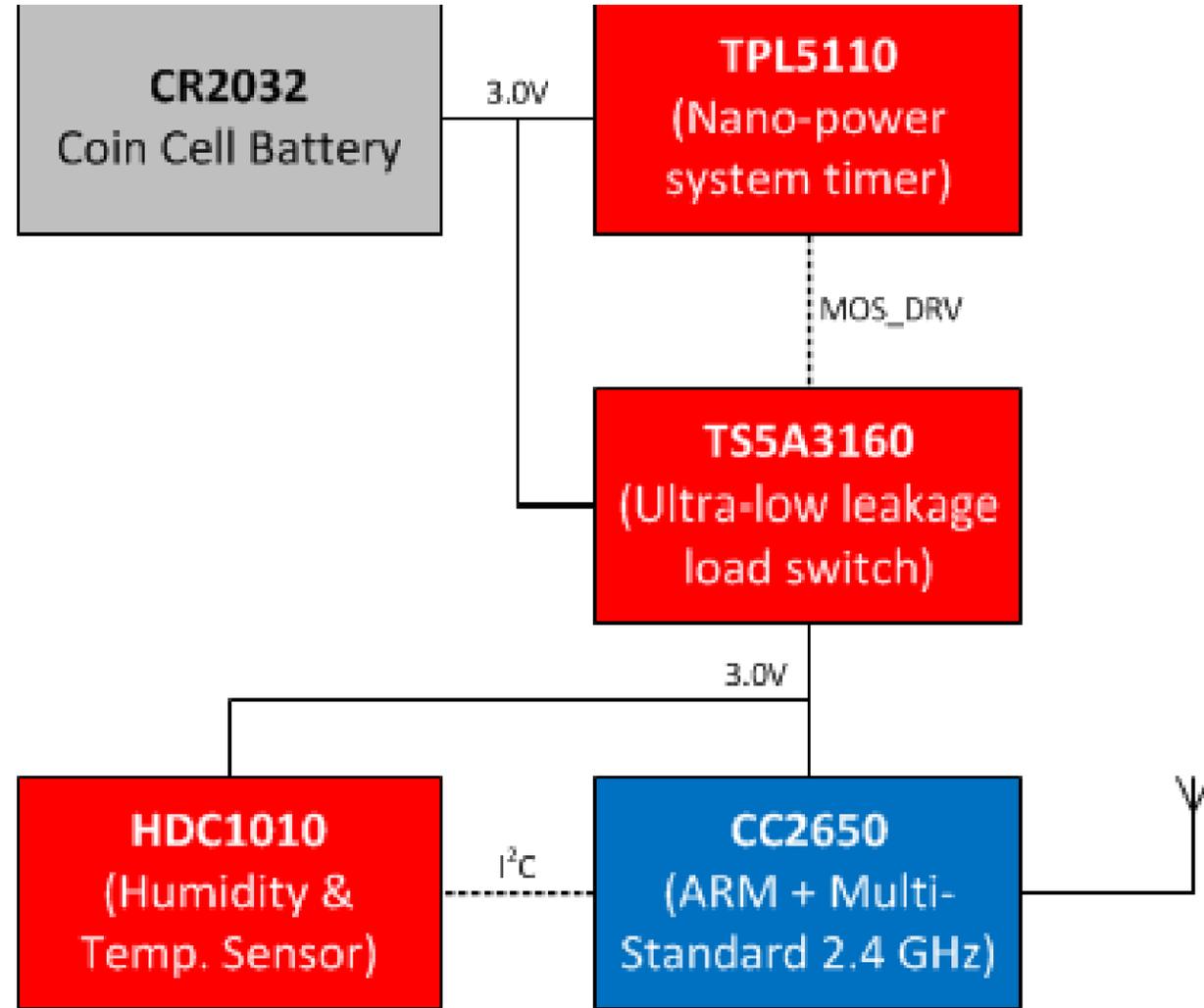


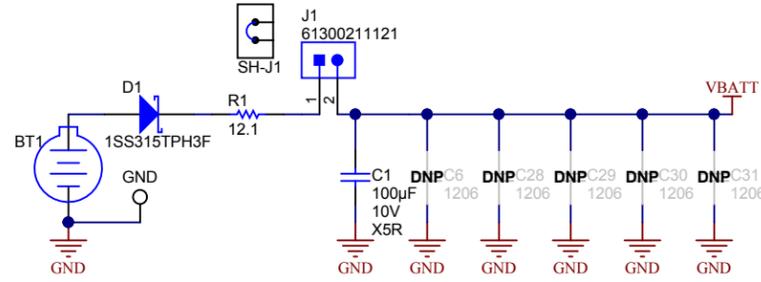
Revision History	
Revision	Notes
E1	Initial Board Release
E2	Square PCB, add TPL5110, remove boost
E3	Minor improvements to RF chain layout; changed R1 to 12.1 ohms
E4	Replaced HDC1000 with HDC1010



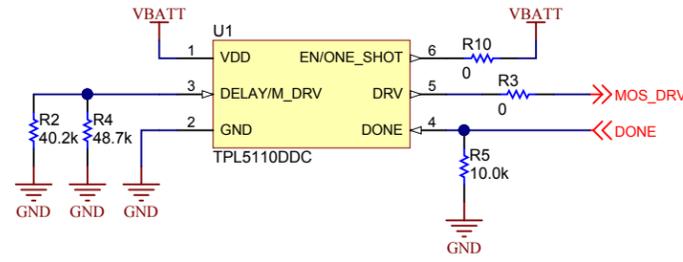
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TID #: TIDA-00374	Project Title: Humidity & Temperature Sensor Node for Star Netw		
Number: ISE4018	Rev: E4	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet 1 of 3	
Drawn By:	File: ISE4018_TIDA-00374_CoverSheet.SchDoc	Size: B	
Engineer: Evan Cornell	Contact: http://www.ti.com/support		

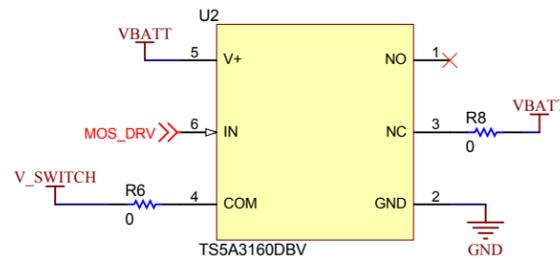
Battery Connector & Reservoir Capacitors



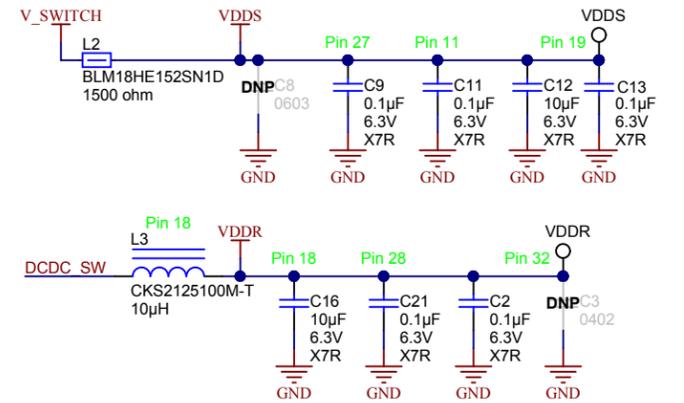
Nano-Timer for System Duty-Cycling



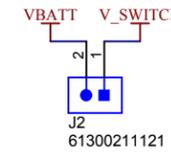
Analog Switch for Power Shutoff



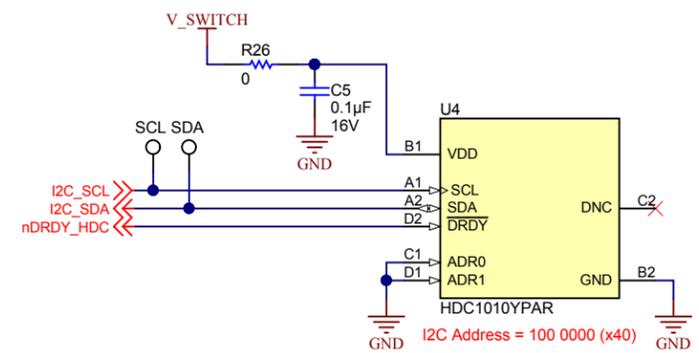
LPRF Bypass Capacitors & DC-DC Passives



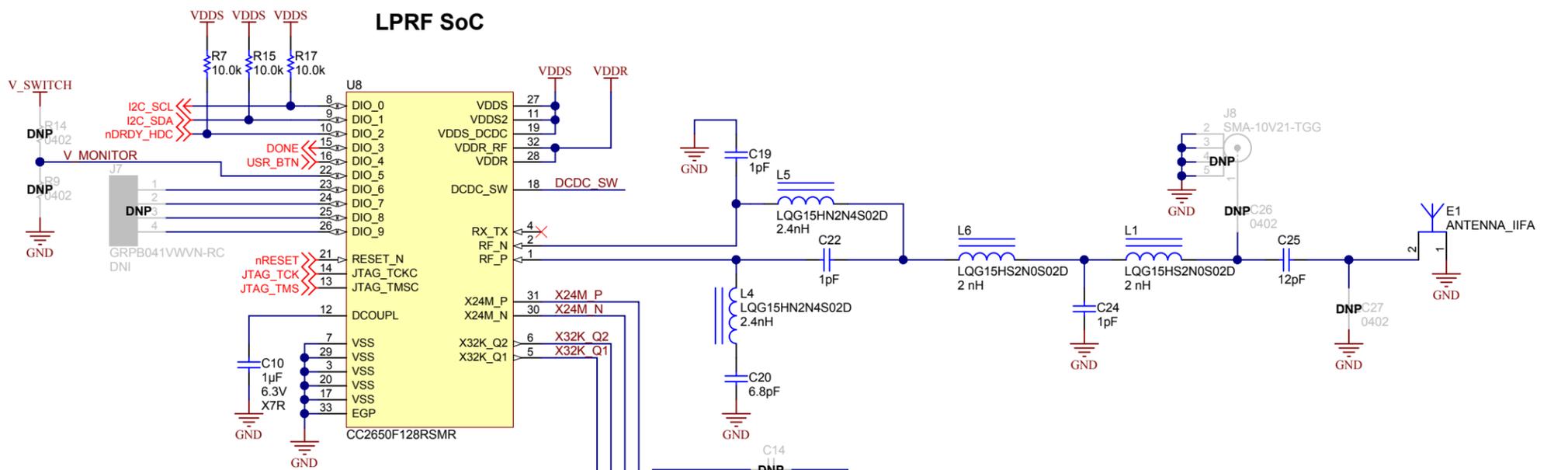
Bypass Jumper for Debugging



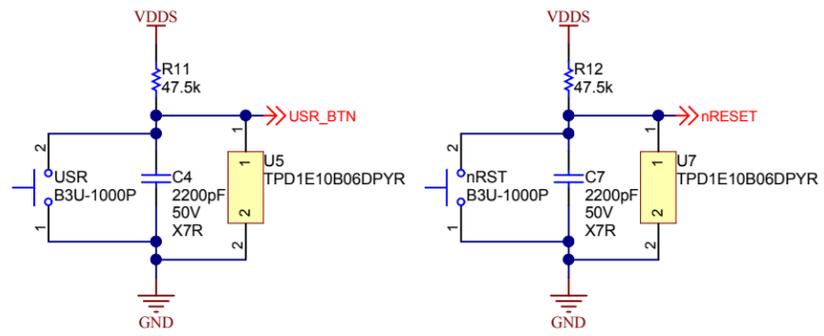
Humidity to Digital Converter



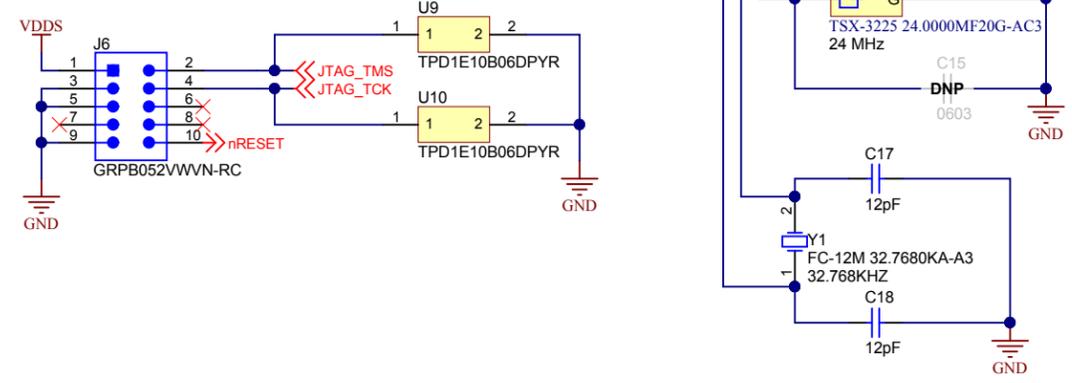
LPRF SoC



User and Reset Switches



JTAG Programming Interface



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TID #: TIDA-00374	Project Title: Humidity & Temperature Sensor Node for Star Netw	
Number: ISE4018	Rev: E4	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 3
Drawn By:	File: ISE4018_TIDA-00374_IoT_Metrology_SchDoc	Size: B
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H1 NY PMS 440 0025 PH H2 NY PMS 440 0025 PH H3 NY PMS 440 0025 PH H4 NY PMS 440 0025 PH

H5 1902C H6 1902C H7 1902C H8 1902C

DNP FID1 DNP FID2 DNP FID3 DNP FID4 DNP FID5 DNP FID6

PCB Number: ISE4018
PCB Rev: E4

PCB LOGO
Texas Instruments

PCB LOGO
Pb-Free Symbol

PCB LOGO
FCC disclaimer

Label Table	
Variant	Label Text
001	Default Build

ZZ2 **DNP**
These assemblies are ESD sensitive, ESD precautions shall be observed.

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

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

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Number: ISE4018	Rev: E4	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet 3 of 3	
Drawn By:	File: ISE4018_TIDA-00374_TID_Hardware.SchDoc	Size: B	
Engineer: Evan Cornell	Contact: http://www.ti.com/support		

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