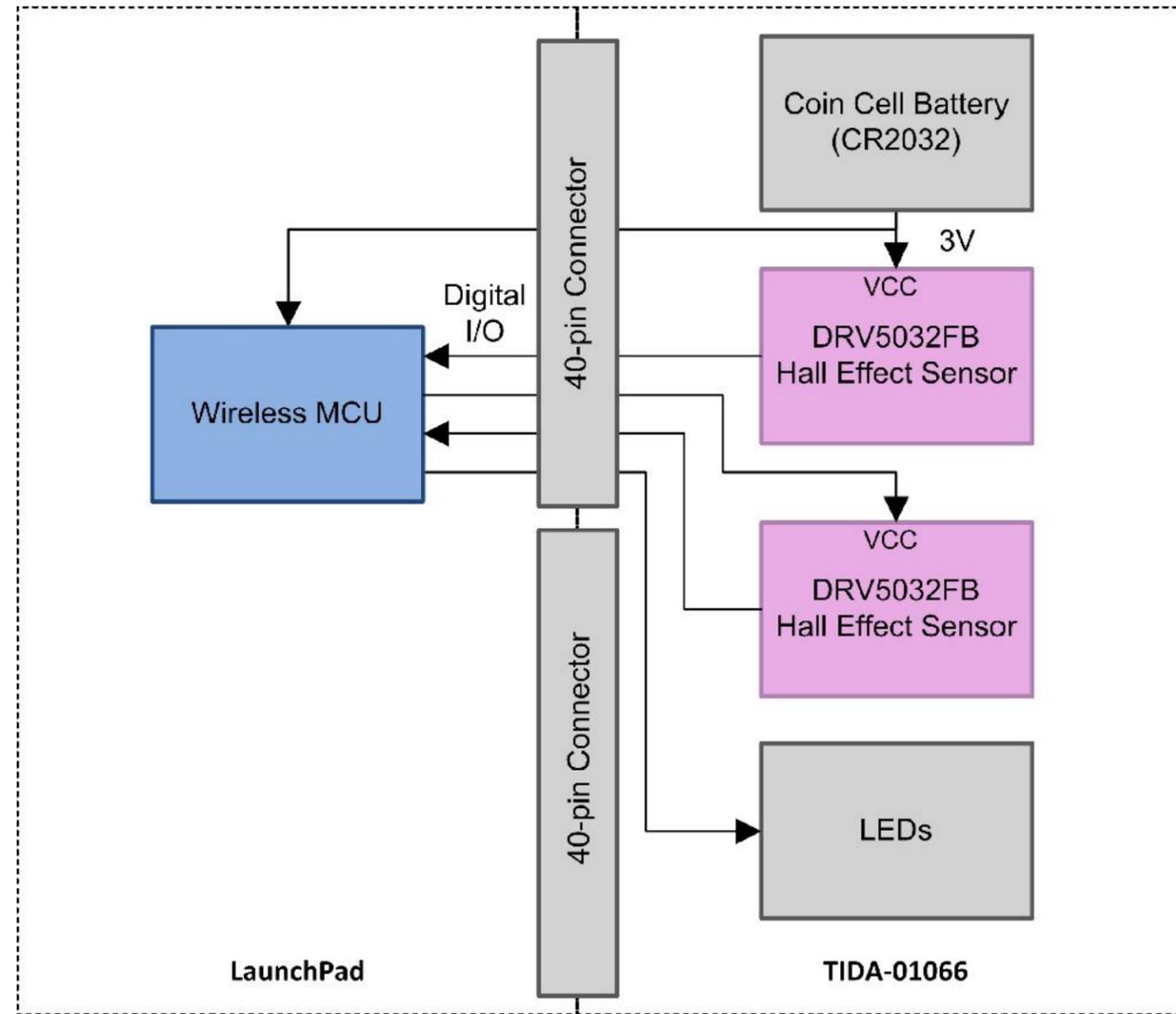


Revision History

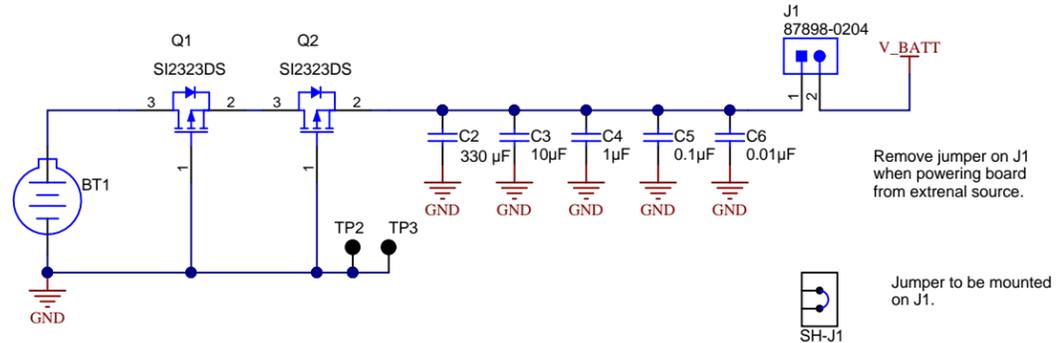
Rev	ECN #	Approved Date	Approved by	Notes
B	N/A	30 August 2016	Gustavo Martinez	Added second MOSFET to battery supply circuit.



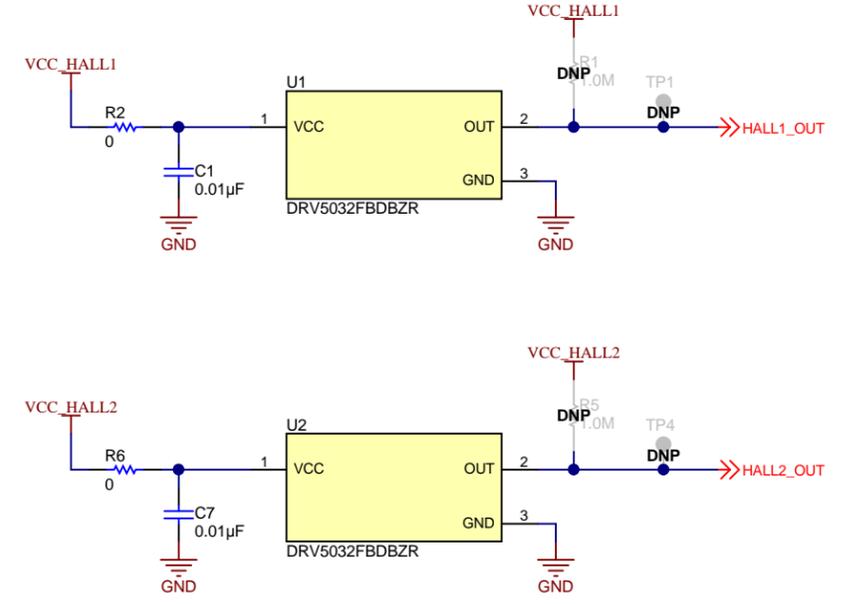
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TID #: TIDA-01066	Project Title: Low Power Window Contact Switch with Sub-1GHz		
Number: TIDA-01066	Rev: B	Sheet Title: Cover Sheet	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 3	
Drawn By:	File: TIDA-01066B_CoverSheet.SchDoc	Size: B	
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support		

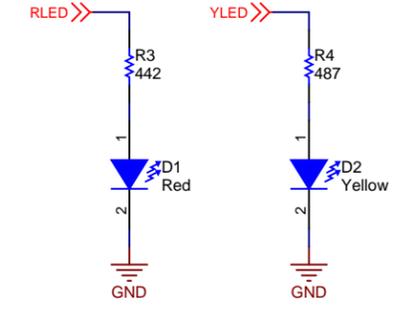
Battery Connector & Reservoir Capacitors



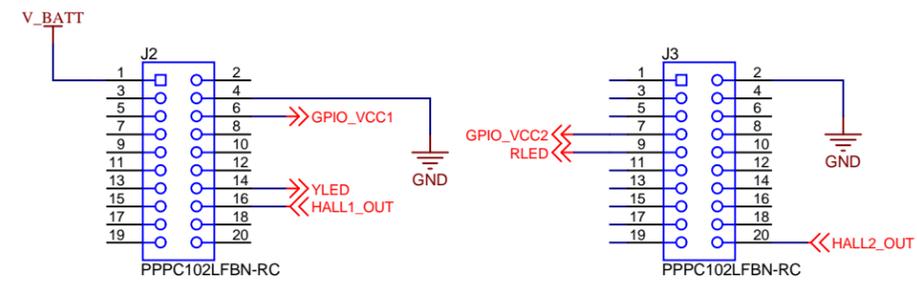
Hall Effect Sensors



Visual Indicators



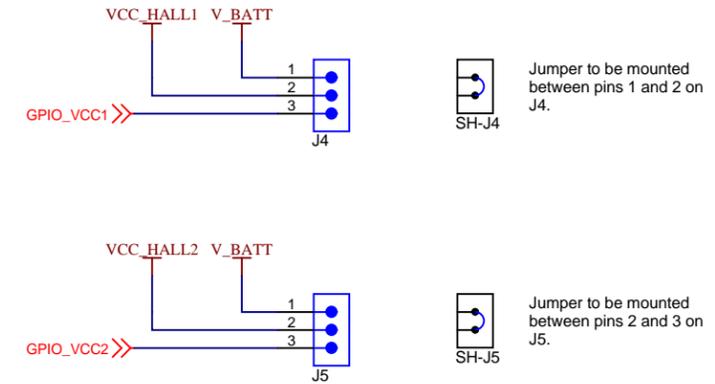
Connectors



Pin assignments when used with CC1310 LaunchPad (LAUNCHXL-CC1310) and CC2650 LaunchPad (LAUNCHXL-CC2650):

- DIO15 HALL2_OUT
- DIO18 RLED
- DIO19 GPIO_VCC2
- DIO25 GPIO_VCC1
- DIO29 YLED
- DIO30 HALL1_OUT

J4 and J5 select the voltage source for the hall effect sensors. When powering the sensor from the battery, connect the jumper pins between pins 1 and 2. When powering the sensor from the MCU I/O pin, connect the jumper between pins 2 and 3.



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PCB Number: TIDA-01066
PCB Rev: B

PCB LOGO
Pb-Free Symbol

PCB LOGO
FCC disclaimer

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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TID #: TIDA-01066	Project Title: Low Power Window Contact Switch with Sub-1GHz		
Number: TIDA-01066	Rev: B	Sheet Title: EVM Hardware	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 3	
Drawn By: Gustavo Martinez	File: TIDA-01066B_EVM_Hardware.SchDoc	Size: B	
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support		

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