
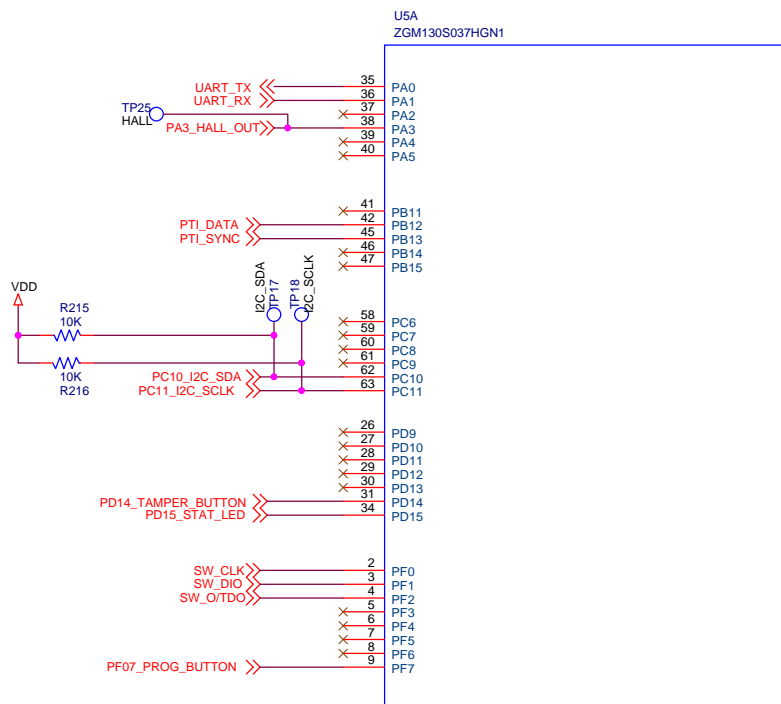


Revision History

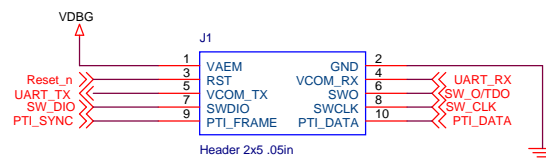
Rev 1.0
Initial design.

		
ZGM130S based Contact Sensor Reference Design		
Austin, TX 78701		
SILICON LABS		
Title		
ZGM130S based Contact Sensor Reference Design		
Size	Document Number	Rev
B		1.0
Date: Friday, April 05, 2019		Sheet 1 of 3

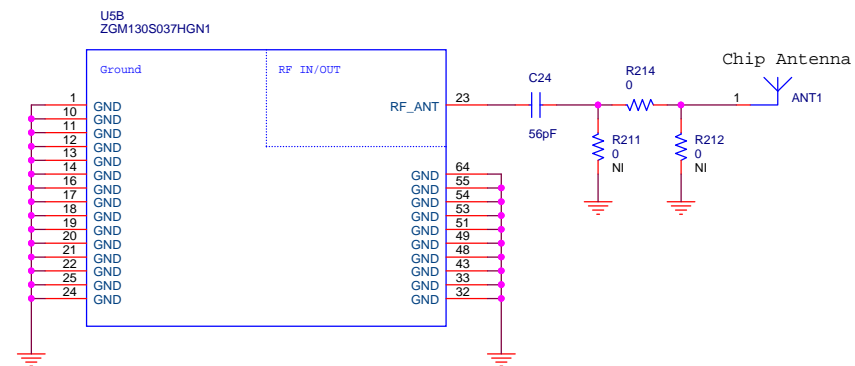
I/O Port Pins



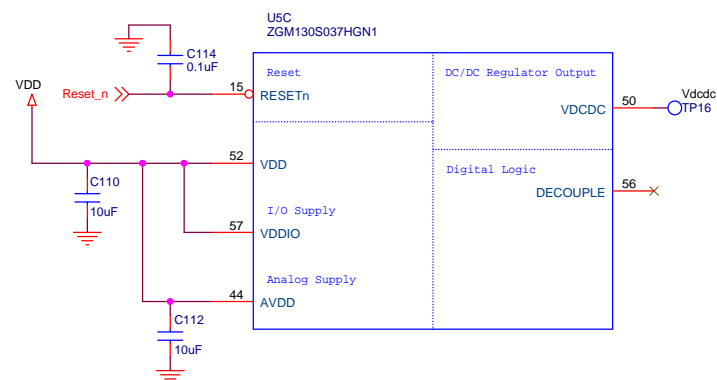
Mini-Simplicity Header



Antenna & Radio Interface



Power & Decoupling

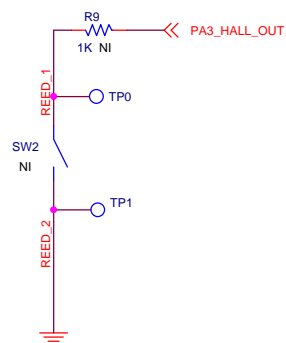


Reed Switch option

Refer to "PCB keep out later.dwg" for placement

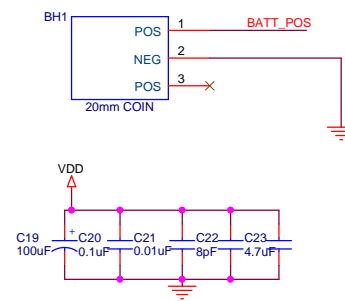
Install one of the reed switch options below if the Hall Effect Sensor is not populated

Low-cost SPST reed switch option
(no-pop)

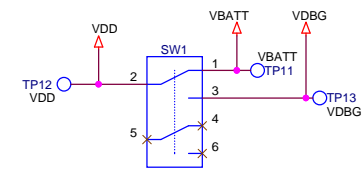


Power and decoupling

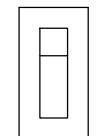
Coin-cell battery holder



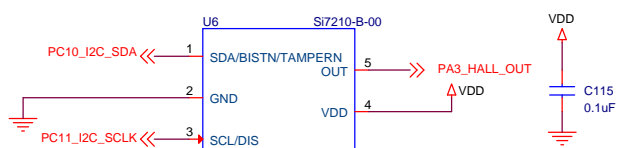
Power Source Selection Switch



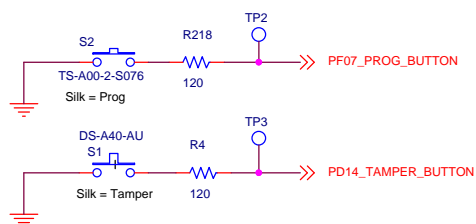
Silk Pattern



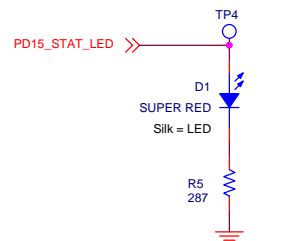
Hall Effect Sensor



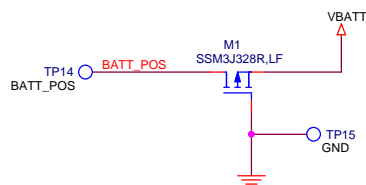
Tamper Detection / Programming Button



LED Indicator

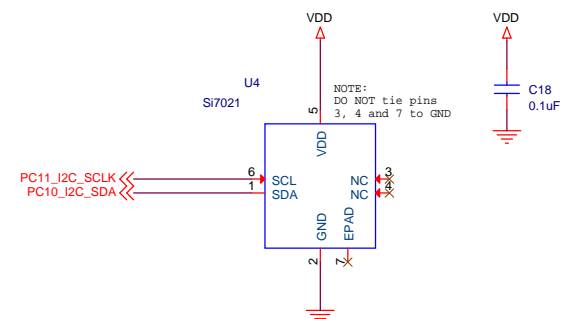



Reverse battery protection



Humidity and Temperature Sensor

Si7021 humidity and temperature sensor



 400 W Cesar Chavez Austin, TX 78701		
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