

Revision History

Rev 1.0

Smart Outlet Power Board initial design.

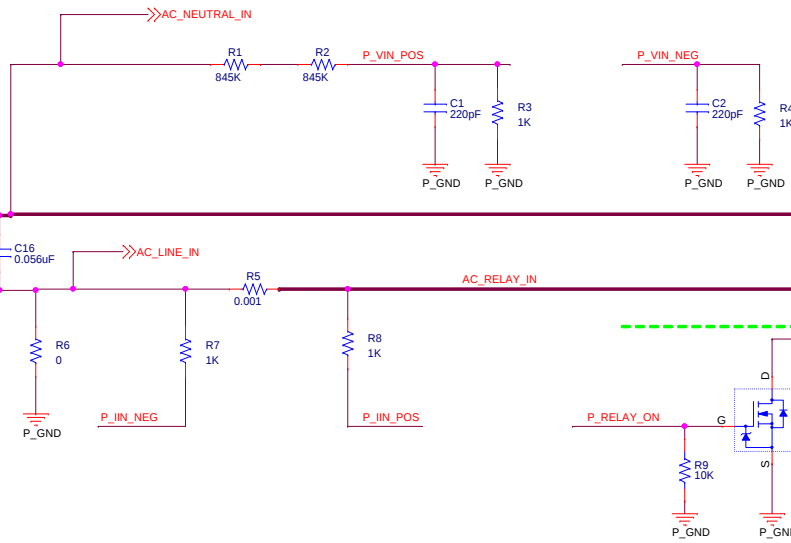
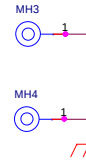
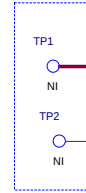
Rev 2.0

Modified connections to Current Sense resistor.
Added capacitors on output of transformer to supress Radiated Noise.
Added diode at output of 3.3V regulator to prevent back-flow of current.
Added filter components at inputs of rectifier to suppress Conducted Noise.

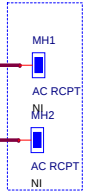
		400 W Cesar Chavez Austin, TX 78701	
SILICON LABS			
Title Smart Outlet Power Board			
Size B	Document Number IST-A00081		Rev 2.0
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Load Control

Inlet Port

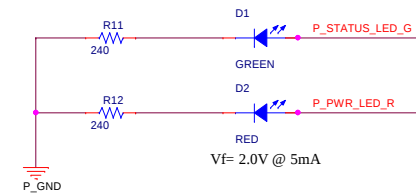
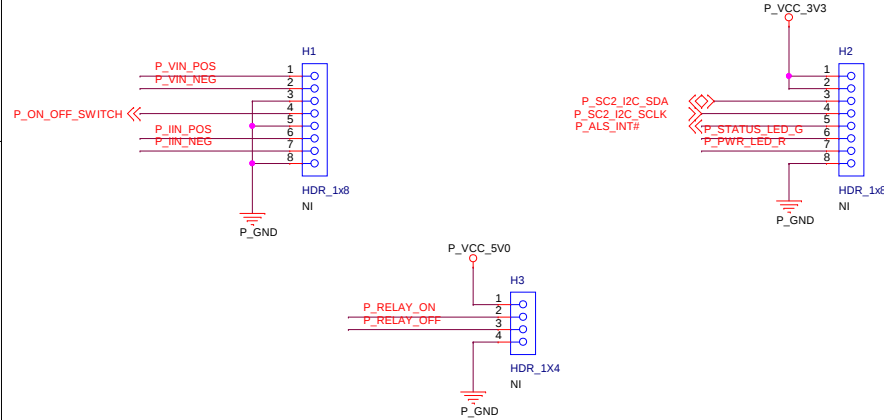


Outlet Port



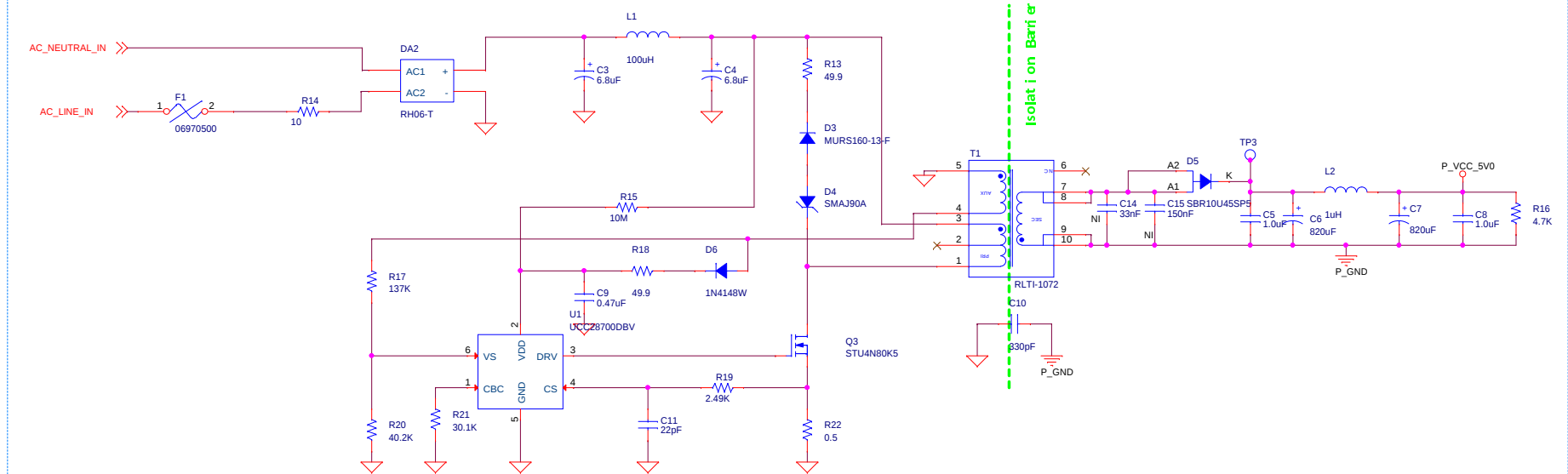
Board-Board Connector

LED Section

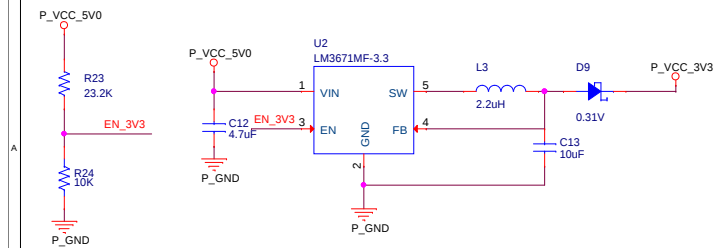


400 W Cesar Chavez Austin, TX 78701			
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Smart Outlet Power Board			
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Isolated AC-DC Converter

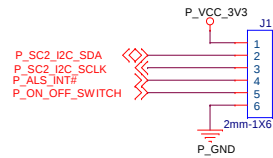


3.3V Generation

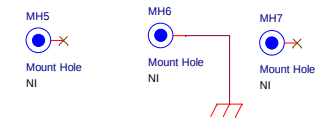


LM3671 ,EN Threshold =1V

Sensor Board Connector



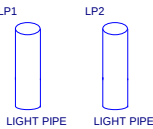
Mount Holes



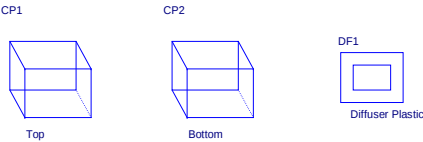
		400 W Cesar Chavez Austin, TX 78701	
SILICON LABS			
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Miscellaneous Parts

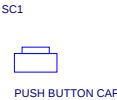
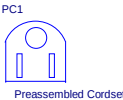
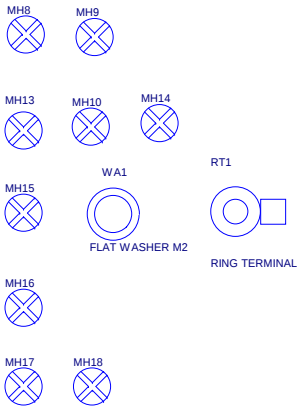
Power Wires



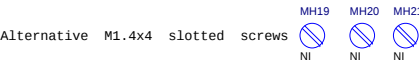
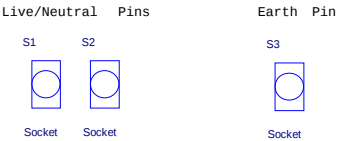
Custom Plastic Parts



Fastening Components



Custom Metal Parts



 400 W Cesar Chavez Austin, TX 78701		
SILICON LABS		
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