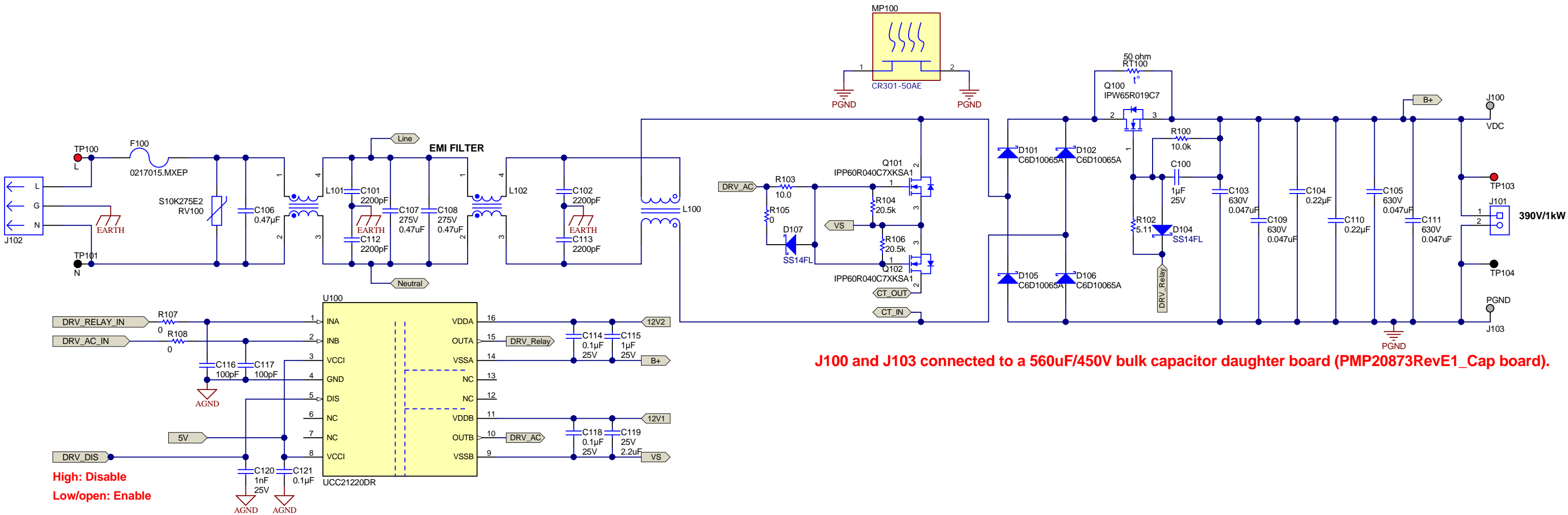
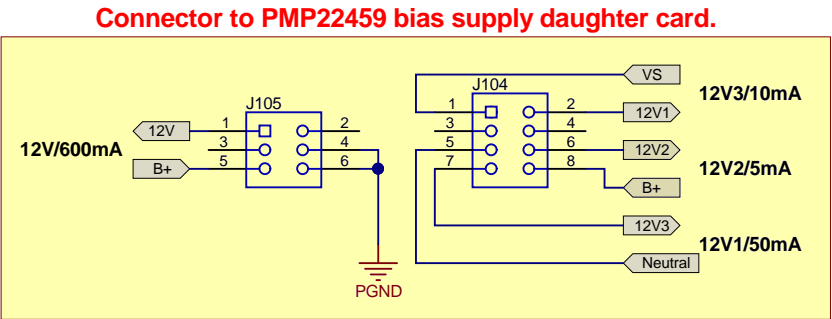
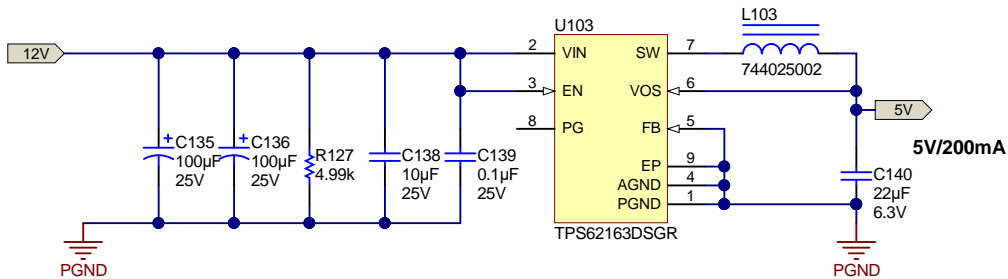
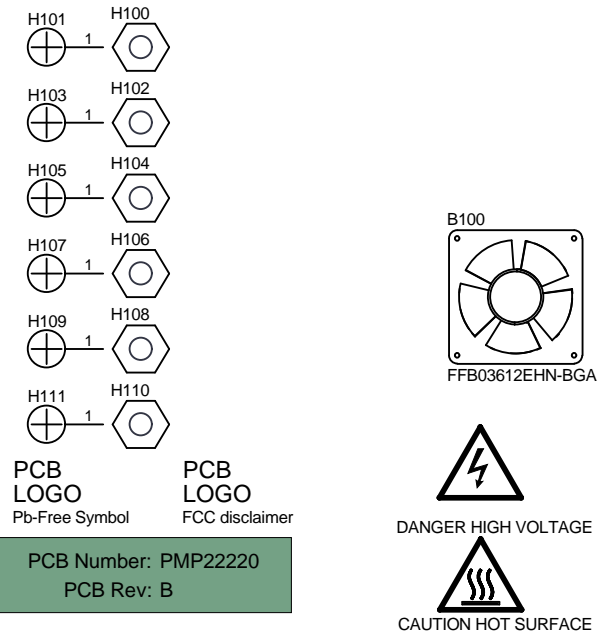


- Notes:
1. Single inductor can be used as an alternative for L100. If single inductor is used, L100 pins without inductor need to tie together on the main board.
 2. 12V driver is needed to DRV_CS to drive MOSFET across CS resistor.
 3. MP100 heatsink is for Q101, Q102, D101, D102, D105, and D106 heatsink. Clip using CLA-TO-21E.
 4. Delta FFB03612EHN-BGA fan is used to cool down the power stage.
- Fan with higher CFM is suggested for heavy load test with <115VAC input. Higher power bias supply might be needed accordingly.
5. Header connector Mil-Max P/N: 850-10-004-10-003000 is used for B100 to J201 connection.



J100 and J103 connected to a 560uF/450V bulk capacitor daughter board (PMP20873RevE1_Cap board).



Orderable: Through PDS Request	Designed for: Public Release	Mod. Date: 3/16/2020
TID #: N/A	Project Title: AC-switch Bridgeless PFC	
Number: PMP22220	Rev: B	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 2
Drawn By: B. Sun/S. Yu	File: PMP22220_Power.SchDoc	Size: B
Engineer: B. Sun/S. Yu	Contact: http://www.ti.com/support	http://www.ti.com

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