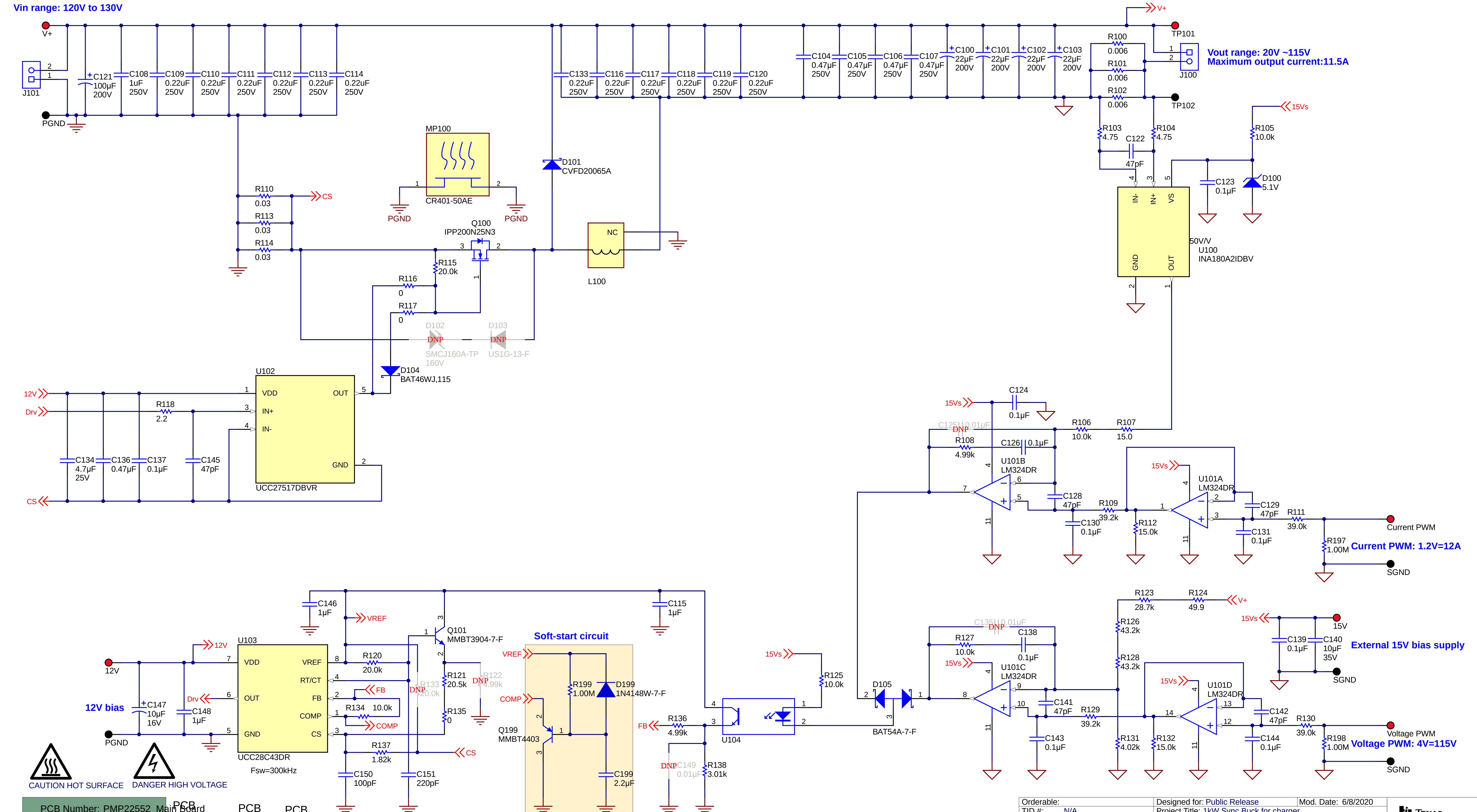
Notes:
1. Before apply input voltage, apply 15V bias from an external bias supply with isolated ground.
2. Apply constant voltage level setting signal from Voltage PWM connector: 2.8V for 84Vout and 4V for 115Vout.
3. Apply constant current level setting signal from Current PWM connector: 1.2V for 12Aout.
4. Apply input voltage (up to 120V), then apply 12V bias from an external bias supply with isolated ground to bring up the output.
5. Add Kapton tape between bottom layer components and heatsink.
6. Retrofit required for R135 to U103 pin3 connection.
7. Current loop stable with constant voltage load.
8. C199, D199, Q199, R197, R198, and R199 are added on components.
9. Use IPA320N20NM3S for Q100 if available. If not, use IPP200N25N3.



PCB Number: PMP22552_Main Board
PCB Rev: A

PCB LOGO Pb-Free Symbol
PCB LOGO WEEE logo
PCB LOGO FCC disclaimer

Orderable:		Designed for: Public Release	Mod. Date: 6/8/2020
TID #: N/A		Project Title: 1kW Sync Buck for charger	
Number: PMP22552_MainBoard	Rev: A	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001	Sheet: 1 of 1
Drawn By:		File: PMP22552Main_BlankSheet.SchDoc	Size: B
Engineer: Sheng-Yang Yu		Contact: http://www.ti.com/support	

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