

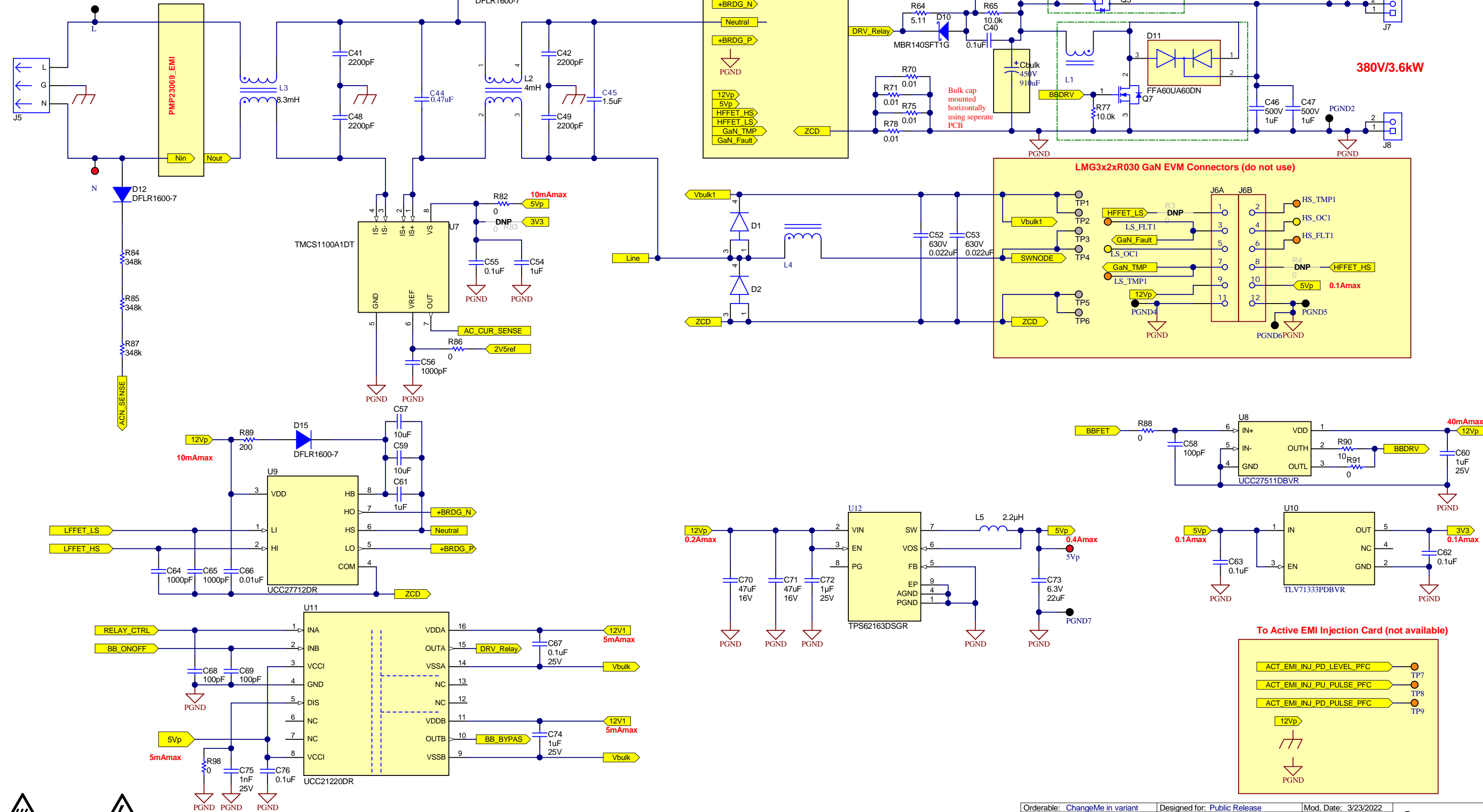
Assembly Notes:

Silicon LF and GaN HF FETs on one card
Only run board with custom GaN card

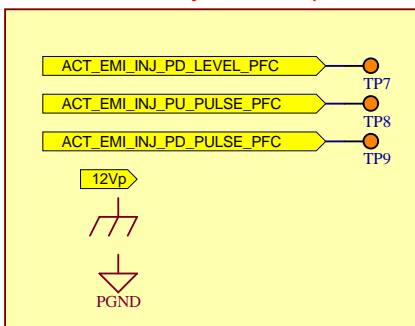


Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 3/23/2022
TID #: N/A	Project Title: 3.6kW TTPL PFC Mainboard	
Number: PMP23069	Rev: C	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 2
Drawn By:	File: PMP23069C Power.SchDoc	Size: B
Engineer: Power Design Services	Contact: http://www.ti.com/support	



To Active EMI Injection Card (not available)

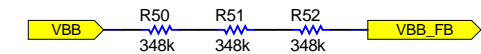
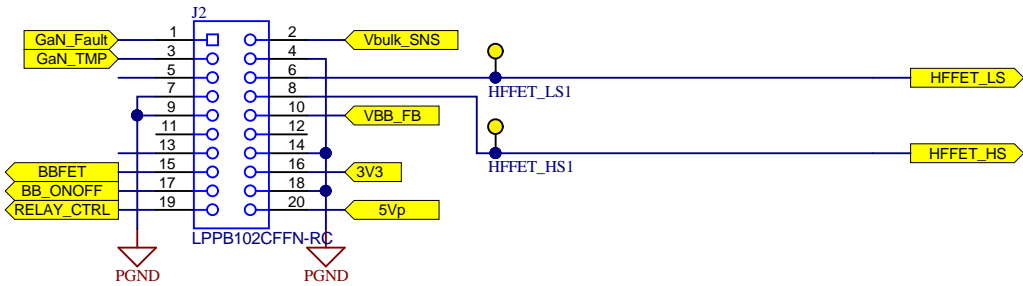
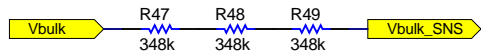
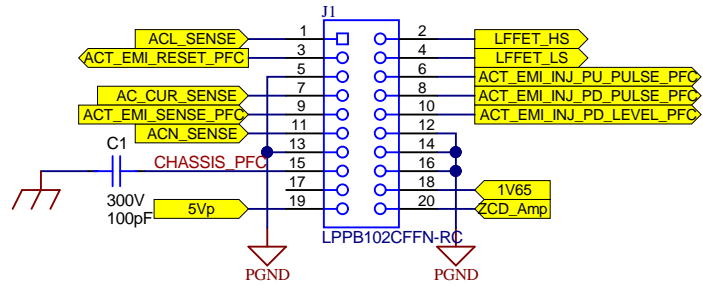
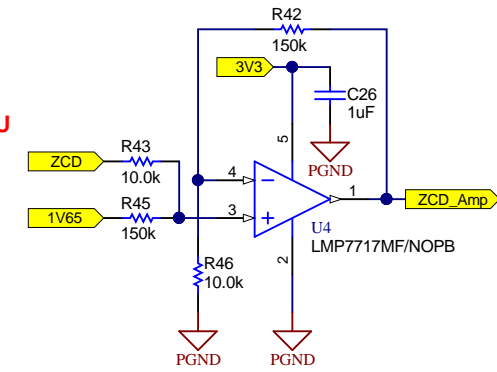


A

Use C2000 interposer with TMDSCNCD280025C control card

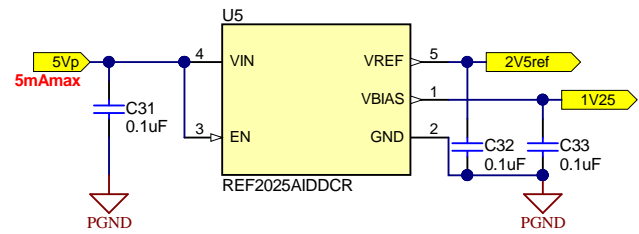
Custom control card not yet available

Place near MCU

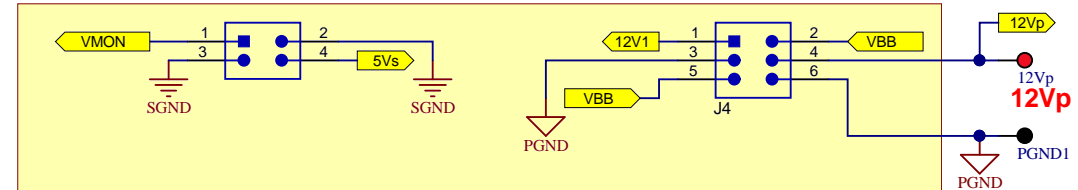


B

C



Link to bias supply daughter card (PMP20306RevA)



D

PCB Number: PMP23069
PCB Rev: C

Logo1
PCB
LOGO
WEEE logo

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: ChangeMe in variant		Designed for: Public Release		Mod. Date: 7/5/2022	
TID #: N/A		Project Title: 3.6kW TTPL PFC Mainboard			
Number: PMP23069		Rev: C		Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 001		Sheet: 2 of 2	
Drawn By:		File: PMP23069C_Controller.SchDoc		Size: B	
Engineer: Power Design Services		Contact: http://www.ti.com/support			

TEXAS
INSTRUMENTS

[http://www.ti.com](#)

© Texas Instruments 2022