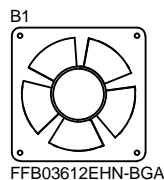
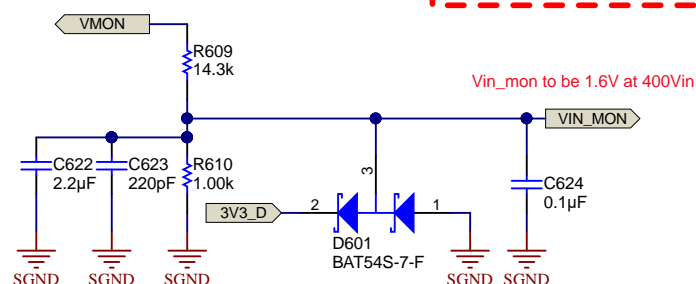


**Secondary side : Primary side**



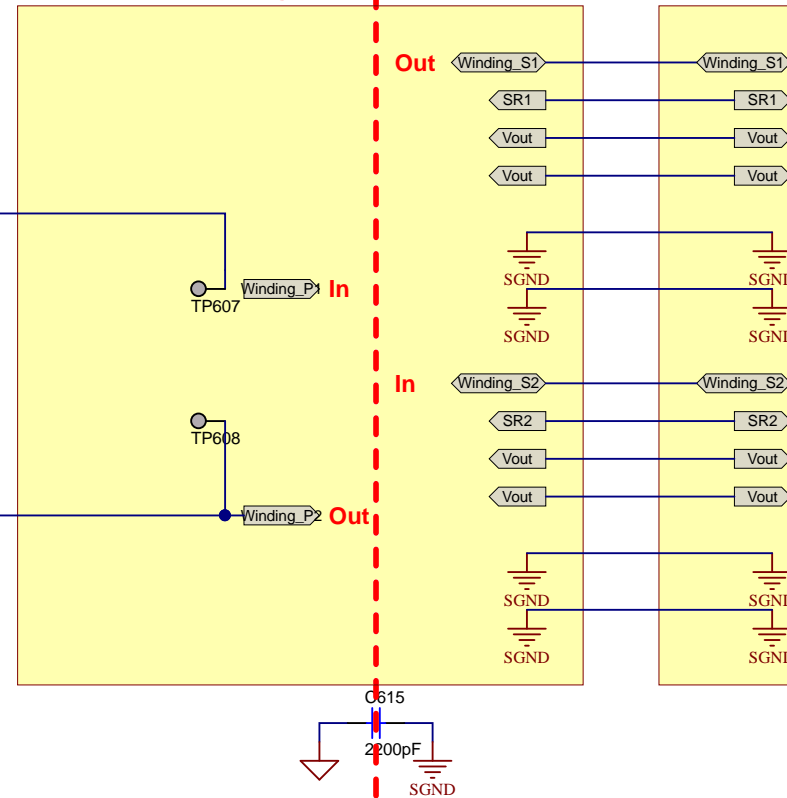
PCB Number: PMP20978  
PCB Rev: A

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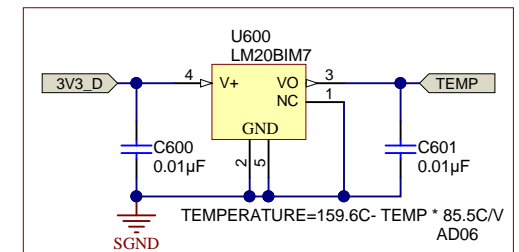
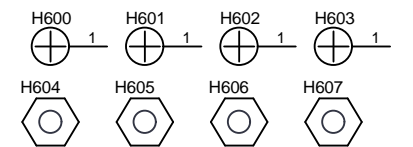
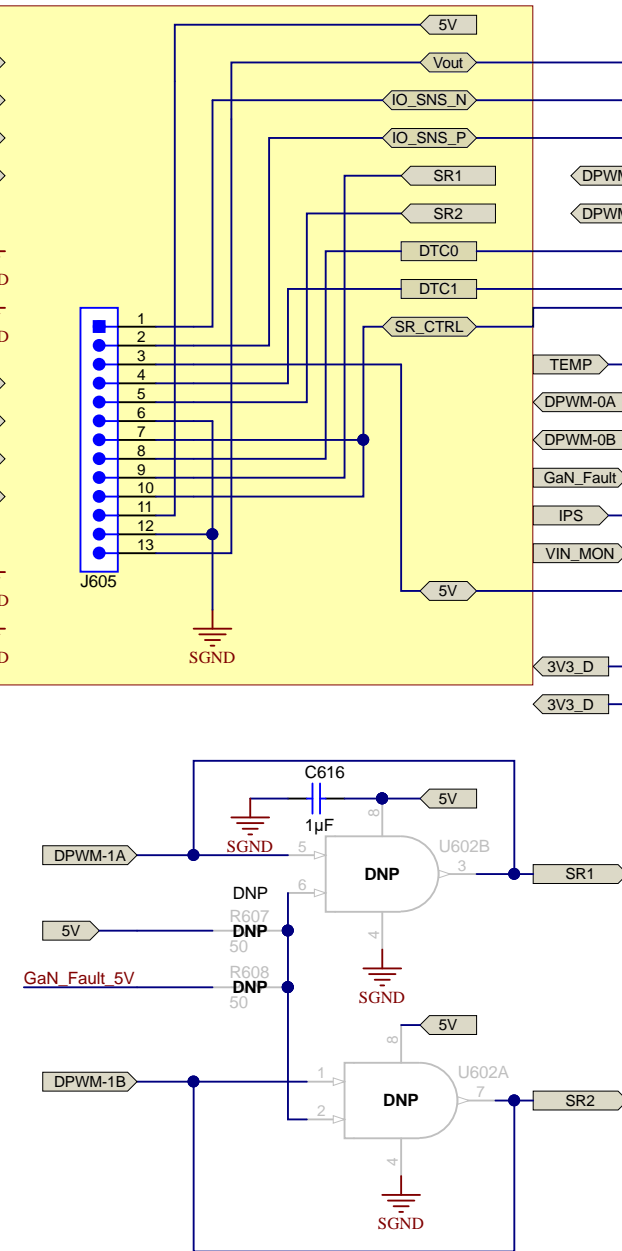
**Notes:**

1. Startup frequency: 1.6MHz.
2. Nominal switching frequency: 950kHz.
3. Transformer primary winding to main board connection using Mill-max pins (P/N: 3106-2-00-15-00-00-08-0).
4. Remove R6 and change R5 to 100kohm on LMG3410 daughter card. For 25V/nS slew rate.
5. Change R917 to 2kohm and add additional 2kohm to 12VPL rail of PMP20306 bias supply board.
6. Remove R100 on PMP11432 Control Card RevA.
7. Retrofit required for DPWM-1A to SR1 and DPWM-1B to SR2 connection.
8. C699 is an added-on part.

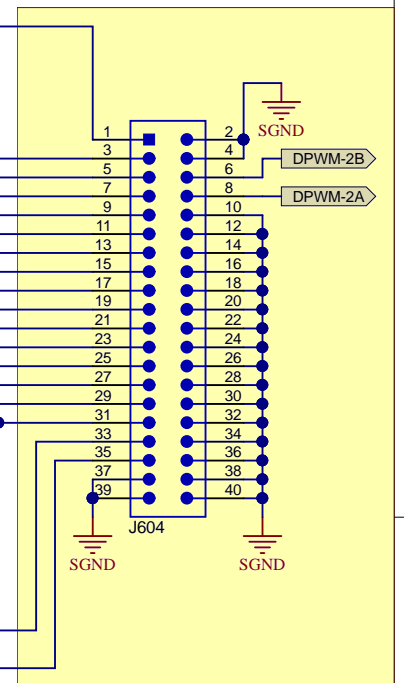
Linked to XFMR winding  
and output rectifier:  
PMP20978RevA windings




**Linked to load card (PMP20978RevA Load Card)**



**Link to UCD3138A control card:  
PMP11432 Control Card RevA**



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TID #: <a href="#">N/A</a>	Project Title: <a href="#">380V to 48V/1kW Resonant Converter</a>		
Number: <a href="#">PMP20978</a>	Rev: <a href="#">A</a>		
SVN Rev: Version control disabled	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">1</a> of <a href="#">1</a>	
Drawn By:	File: <a href="#">PMP20978_Main_BlankSheet.SchDoc</a>	Size: B	
Engineer: <a href="#">T. Chen/S. Yu</a>	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>		