

Built on PMP7892 REV A printed circuit board

R101, C101 snubber used to limit rectifiers switching voltage spikes.

Installed R101 is a 1/4W leaded resistor, and C101 is a 400V leaded capacitor.

Net Class

ClassName: HV Input

|     |     |      |
|-----|-----|------|
| SW1 | SWN | VINP |
| SWA | SWP |      |
| SWB | VI1 |      |
| SWC | VIN |      |

Net Class

ClassName: Input

|      |      |       |      |      |
|------|------|-------|------|------|
| COMP | CSW  | OUTB  | RES  | UVLO |
| CS   | DCL  | PGATE | SS   | VCC  |
| CSG  | GND  | RCIN  | SYNC |      |
| CSR  | OUTA | REF   | TIME |      |

Net Class

ClassName: HV Output

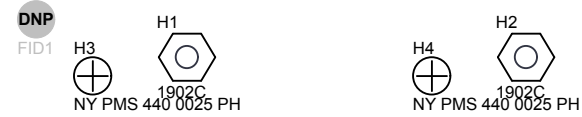
|     |     |
|-----|-----|
| SNR | SWS |
| SNS |     |
| SW2 |     |
| SWR |     |

Net Class

ClassName: Output

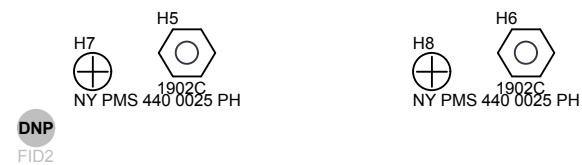
|       |      |
|-------|------|
| COMPA | IGND |
| COMPC | VO1  |
| COMPK | VOUT |
| FB    |      |

| Revision History |       |               |             |       |
|------------------|-------|---------------|-------------|-------|
| Rev              | ECN # | Approved Date | Approved by | Notes |
| N/A              | N/A   | N/A           | N/A         | N/A   |



PCB: PMP7892  
PMP7892 REVA

PCB LOGO  
Texas Instruments



LBL1  
PCB Label  
Size: 0.65" x 0.20 "

ZZ1  
Label Assembly Note  
This Assembly Note is for PCB labels only

ZZ2  
Assembly Note  
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3  
Assembly Note  
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4  
Assembly Note  
These assemblies must comply with workmanship standards IPC-A-610 Class 2., unless otherwise specified.

|                                   |  |                       |
|-----------------------------------|--|-----------------------|
| Orderable: N/A                    | Designed for: Public Release   | Mod. Date: 10/30/2015 |
| TID #: PMP11478                   | Project Title: LM5106 Active Clamp Forward                                 |                       |
| Number: PMP11478                  | Rev: A   | Sheet Title:          |
| SVN Rev: Version control disabled | Assembly Variant: 001  | Sheet: 2 of 2         |
| Drawn By:                         | File: PMP11478_REVA_Hardware.SchDoc  | Size: B               |
| Engineer: R Sheehan               | Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a> |                       |

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