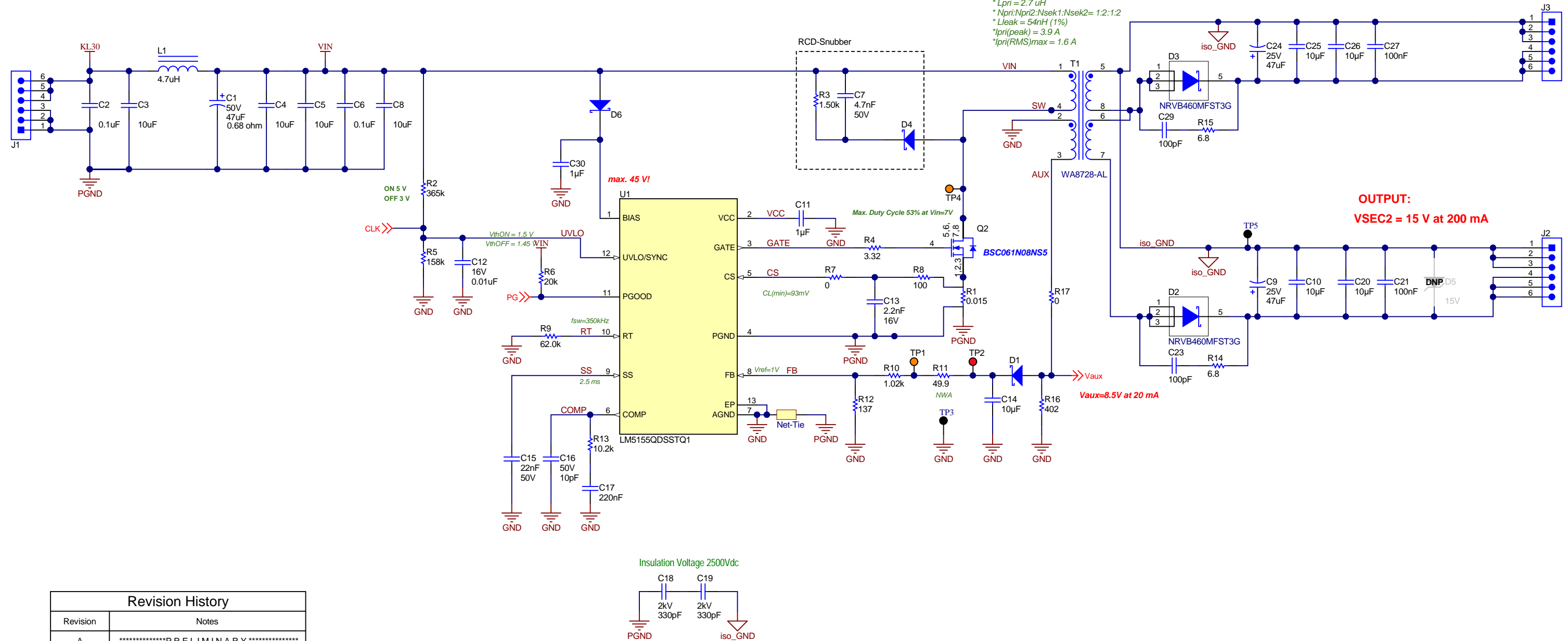


**INPUT:**  
 7 V ... 16 V - normal operation  
 32 V - load dump operation

**OUTPUT:**  
 VSEC1 = 8.5 V at 500 mA

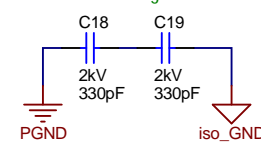
**OUTPUT:**  
 VSEC2 = 15 V at 200 mA



**Coilcraft Transformer**

\*Lpri = 2.7 uH  
 \*Npri:Npri2:Nsek1:Nsek2= 1:2:1:2  
 \*LLeak = 54nH (1%)  
 \*Ipri(peak) = 3.9 A  
 \*Ipri(RMS)max = 1.6 A

Insulation Voltage 2500Vdc



**NOTES:**  
 1) R11, TP1, TP2, TP3 for test purposes only

Revision History	
Revision	Notes
A	*****PRELIMINARY ***** Transformer 3.3:3:1, no Tap
B	*****Build & Tested ***** Self-winding Transformer EFD15, 1:1:1, no Tap, Only one secondary Winding for 15 V
C	*****Build & Tested ***** Coilcraft Transformer - ZA9632-AE, Windingsratio: 1:2:2:1
D	*****Build & Tested ***** *Coilcraft Transformer - WA8728-AL, 1:2:2:1 *Change Pinout of Transformer *Change RCD, Comp, CS Network

Orderable: ChangeMe in variant	Designed for: Public Release	Mod. Date: 12/19/2019
TID #: N/A	Project Title: Isolated 9-W PSR Multioutput Flyback	
Number: PMP30691	Rev: D	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 2 of 3
Drawn By:	File: PMP30691D.SchDoc	Size: B
Engineer: I.Weiss	Contact: http://www.ti.com/support	

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