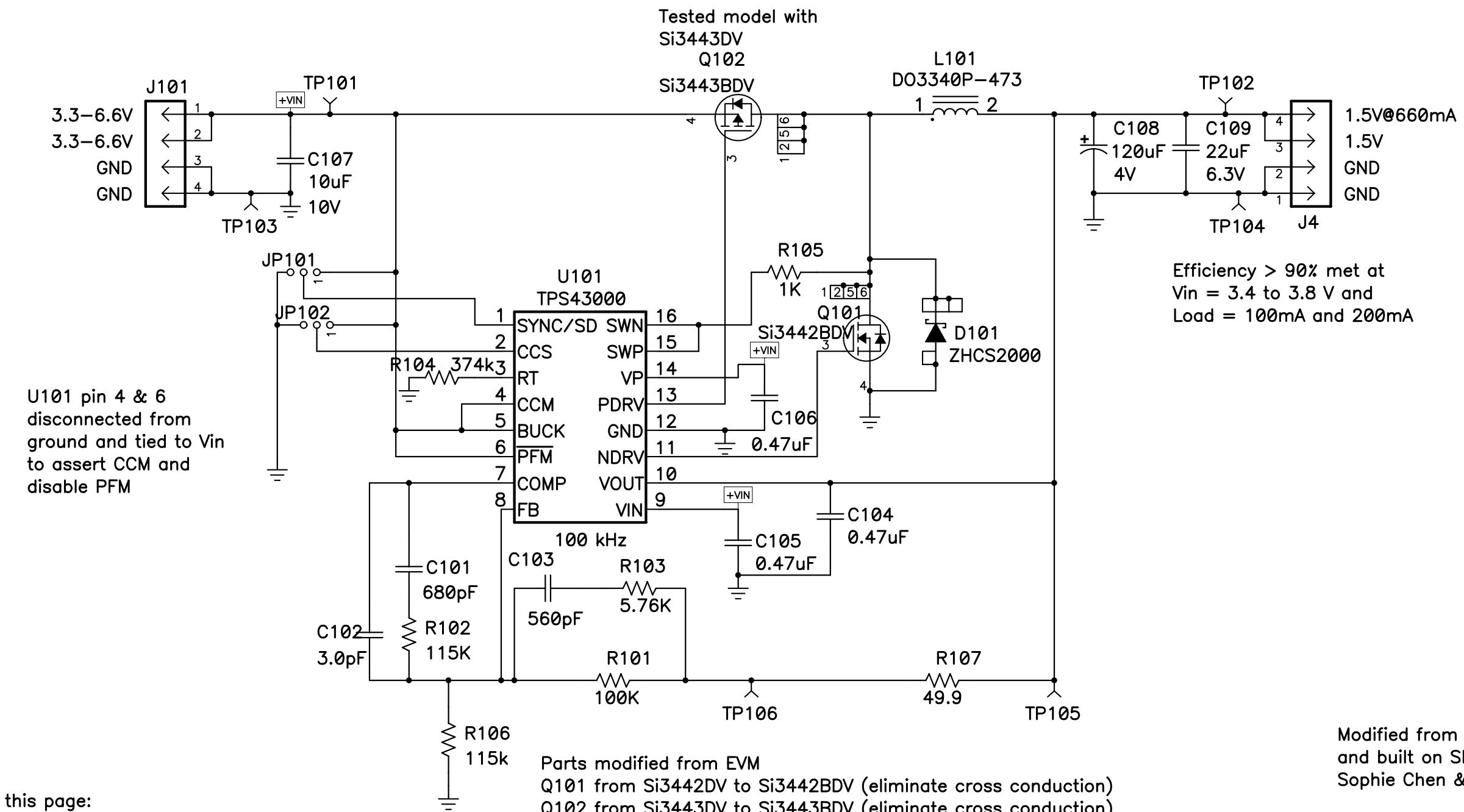


3.2V/0.75A

TEXAS INSTRUMENTS

Title 3.3-6.6Vin 3.3V & 1.5V out		
Size B	Number PMP1450	Rev A
Date August 25, 2005	Drawn by J Mandelcorn	
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Thu Aug 25, 2005



U101 pin 4 & 6  
disconnected from  
ground and tied to Vin  
to assert CCM and  
disable PFM

On this page:  
All circuit references are 100  
greater than markings on PWB  
example: C7 on PWB is C107 in schematic

Parts modified from EVM  
Q101 from Si3442DV to Si3442BDV (eliminate cross conduction)  
Q102 from Si3443DV to Si3443BDV (eliminate cross conduction)  
as of August 24 part not available, so leave old part in  
R106 from 32.4K to 115K (1.5Vout setting)  
R104 from 37.4k to 374k to reduce freq. to 100kHz  
L101 from 5uHy to 47uHy to keep same ripple at lower freq.  
C101 from 270pF to 680pF to avoid conditional stability

Modified from TPS43000-001 EVM  
and built on SLVP217 PCB by  
Sophie Chen & D Strasser

1.5V/0.66A

TEXAS INSTRUMENTS

Title 3.3-6.6Vin 3.3V & 1.5V out		
Size B	Number PMP1450	Rev A
Date August 25, 2005	Drawn by J Mandelcorn	
Filename PMP1450_RevA.sch	Sheet 2	of 2

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