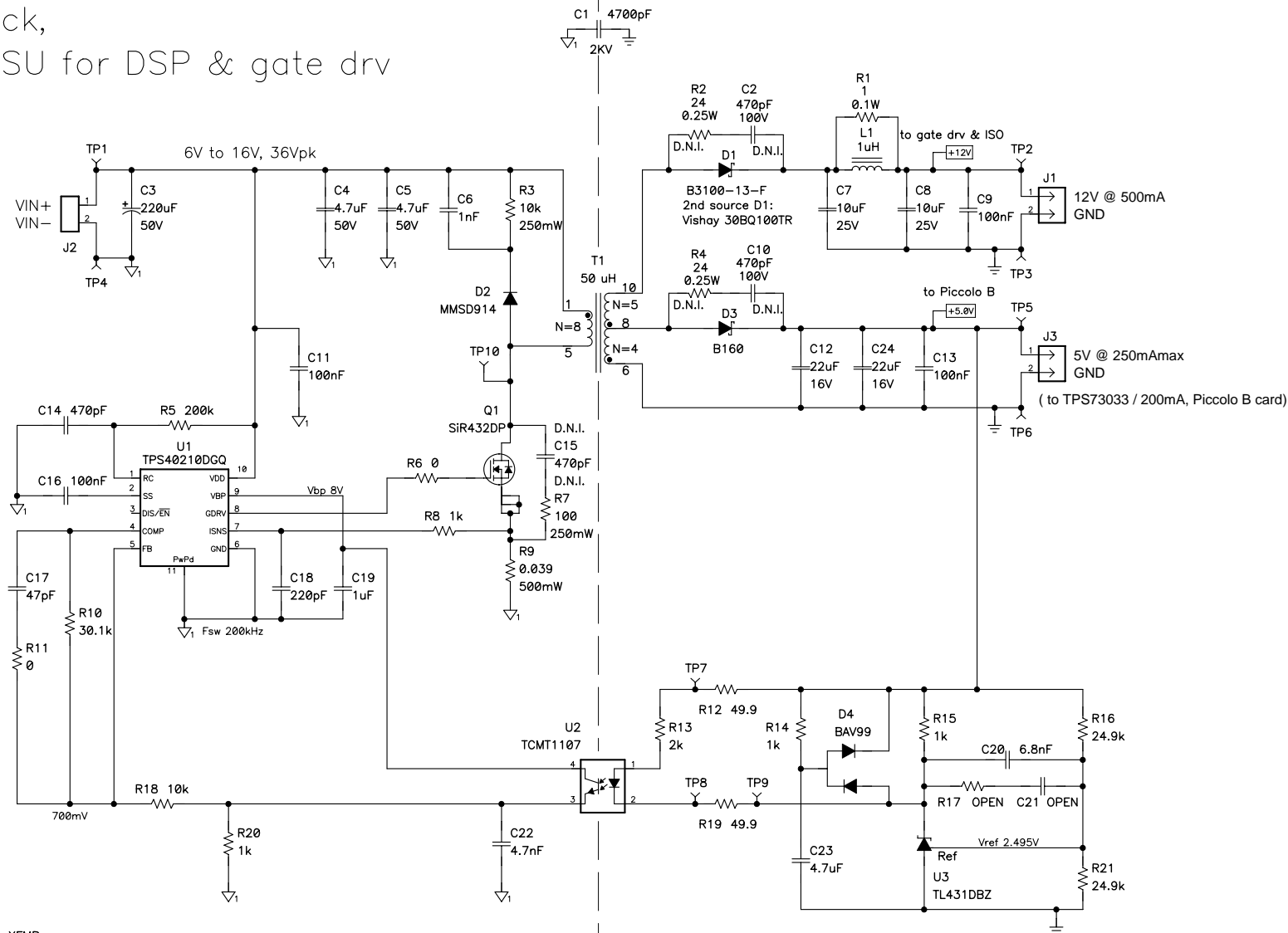


CCM flyback,
auxiliary PSU for DSP & gate drv



XFMR:
Npri : Nsec = 2:1 (5V0), 2:(1+1.25) (12V)
Lpri = 50uH +/-15%
duty = 24% (36V) to 66% (6V)
Pout = 7.25Wmax
Isolation pri/sek t.b.d.
PSU floating - lowest coupling C needed !

NOTES:
1) R12, R19 for test purposes only

RevC:
1.) updated snubber circuits:
R2, R4, R7 OPEN
C2, C10, C15 OPEN
(C6 10nF for better EMI)
3.) updated loop to type 1:
R9, R17, C20, C21

Texas Instruments

Title			
single phase demonstrator 350W			
Size	Number	Rev	
C	PMP4670 Auxiliary PSU	C	
Date	01/26/2010	Drawn by	B.Geck
Filename	PMP4670RevC_auxPSU.sch	Sheet	1 of 1

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