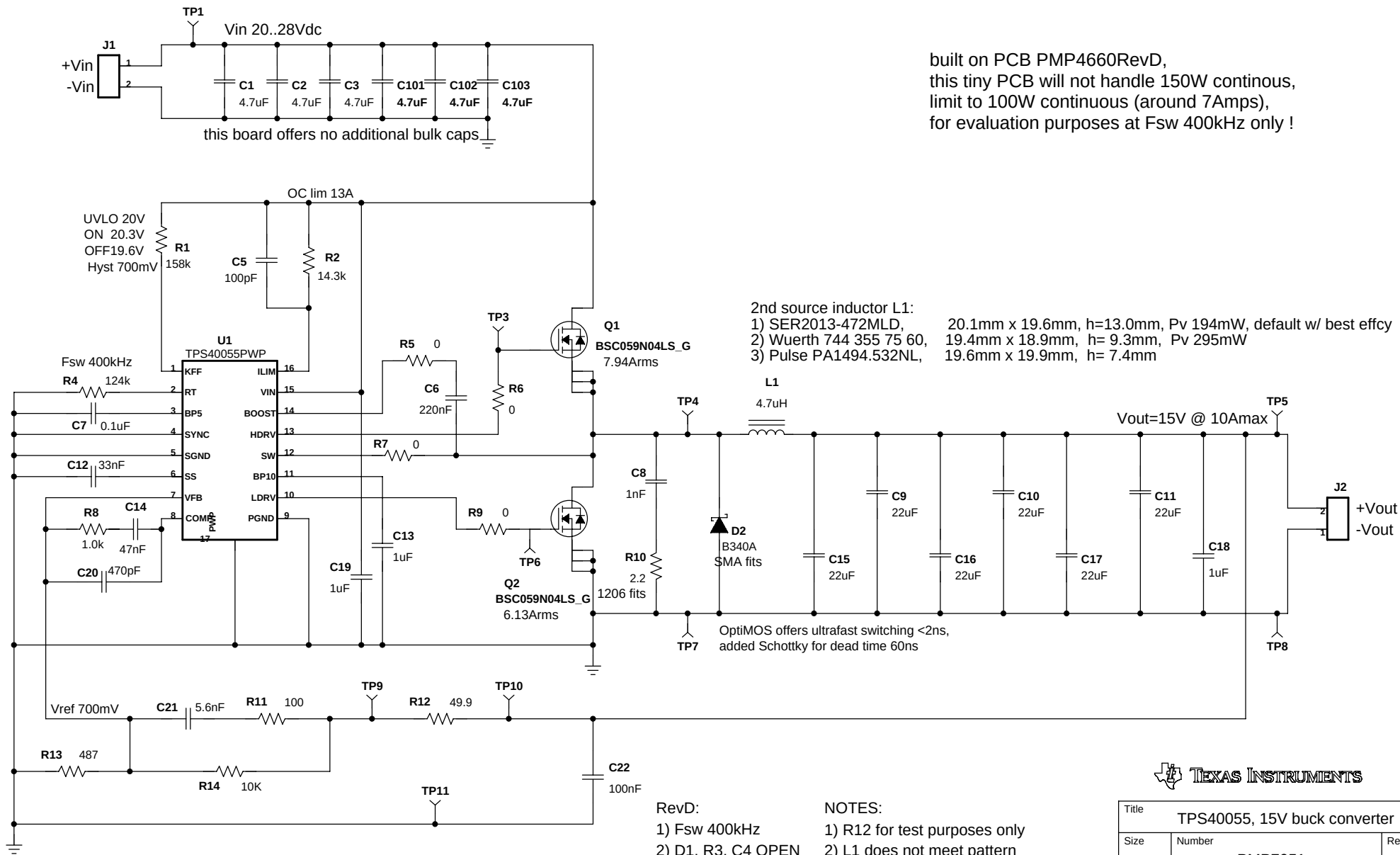




built on PCB PMP4660RevD,
this tiny PCB will not handle 150W continuous,
limit to 100W continuous (around 7Amps),
for evaluation purposes at Fsw 400kHz only !

2nd source inductor L1:
1) SER2013-472MLD, 20.1mm x 19.6mm, h=13.0mm, Pv 194mW, default w/ best effcy
2) Wuerth 744 355 75 60, 19.4mm x 18.9mm, h= 9.3mm, Pv 295mW
3) Pulse PA1494.532NL, 19.6mm x 19.9mm, h= 7.4mm

OptiMOS offers ultrafast switching <2ns,
added Schottky for dead time 60ns

RevD:
1) Fsw 400kHz
2) D1, R3, C4 OPEN

NOTES:
1) R12 for test purposes only
2) L1 does not meet pattern
3) part designators >100 mounted externally
4) C101-C103 backpacked onto C1-C3



Title TPS40055, 15V buck converter		
Size B	Number PMP7051	Rev D
Date 10/14/2009	Drawn by B.Geck	
Filename PMP4660RevD.sch	Sheet 1 of 1	

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