



LED load:
 - string of four LEDs P7
 - Vf = 3.6Vnom to 4.2Vmax @ 2.6Amax
 3.3Vnom at 1.4Anom

LED current:
 R14 = 0.18 Ohm, 1.44A
 0.12 Ohm, 2.17A
 0.10 Ohm, 2.50A (default)

RevB: added Type2 at E/A

Note:

- 1) R6/R9 for test purposes only
- 2) R6/R7/R10 = Voltage Control TPS40210
- 3) R3/R9 = Current Control TPS40211
- 4) Q2=SI7164DP for 2.6Amps out
- 5) built on PCB PMP4531RevA

Texas Instruments

Title		16.8V @ 2.6A LED drv SequiSemi P7	
Size	Number	Rev	
B	PMP4531	B	
Date	03/23/2009	Drawn by	B.Geck
Filename	PMP4531RevB.SCH	Sheet 1	of 1