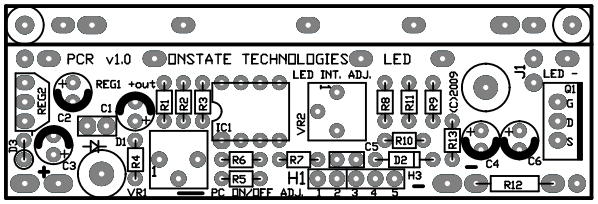

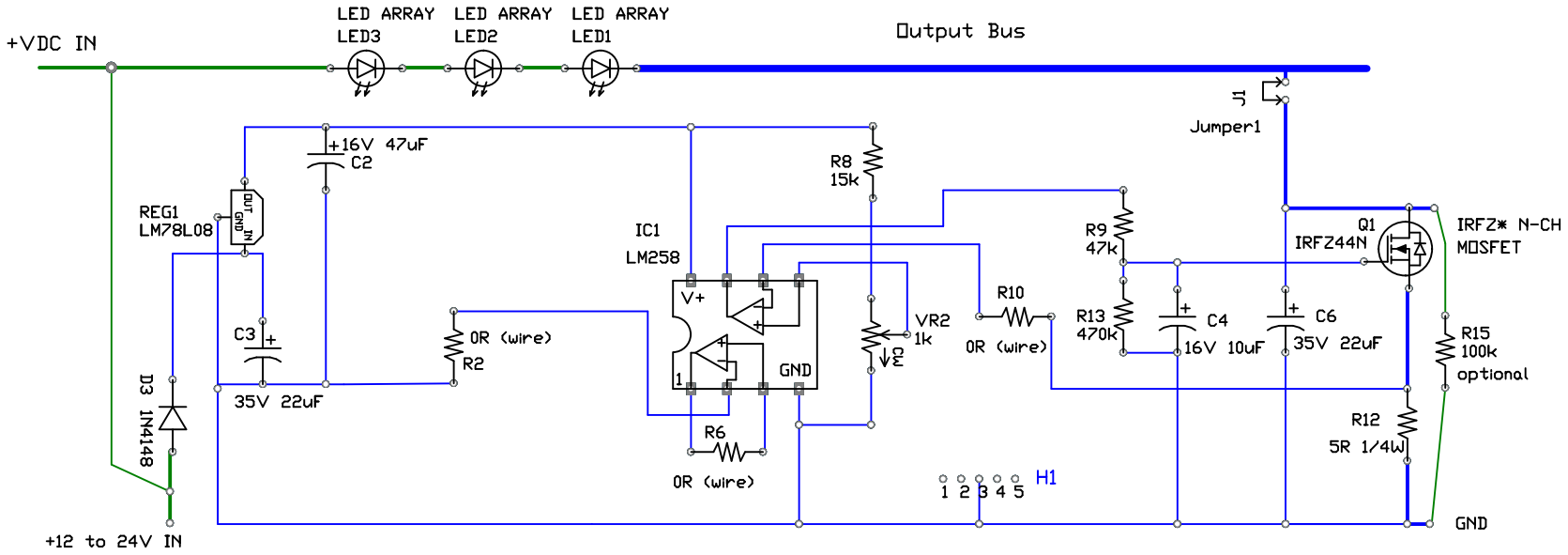

REG1: Vout=7.98V.

R9/C4 sets softstart

R12 x Load Currrent = Shunt voltage
VR2 adjusts load current (ref)

VR2: Constant current adjust.
Vmax=0.5V, I max =100mA

circuit ~5mA load
use low profile parts.

Q1 must be mounted to a heatsink.
Limit Q1 heat dissipation to 65 degrees max.

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Description: Photocell and Current Regulator			Date: Aug. 17, 2011		
Part Code: CIR-PEPCR-1	Rev. 1	File Name: SCH-CIR-PEPCR-1.PCB		Drawn By: D. H.	Page: 1 of 1