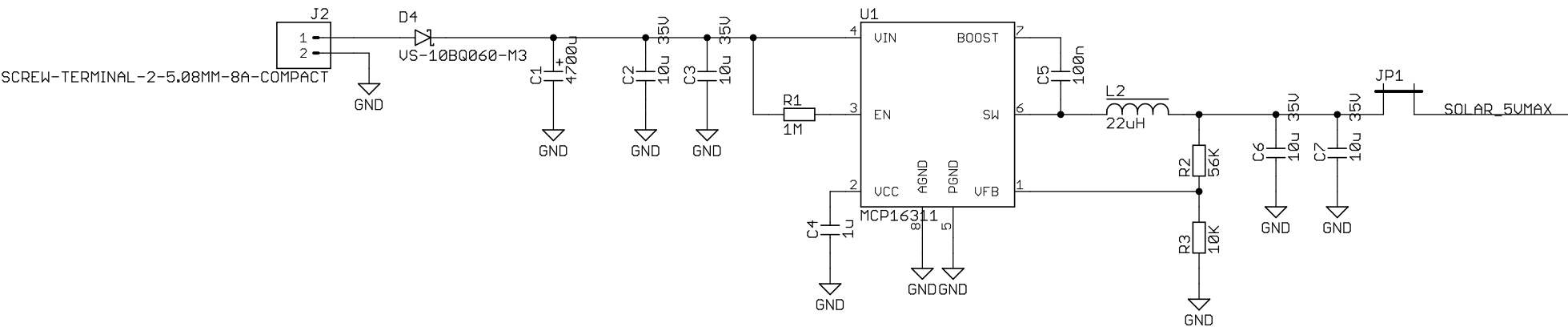


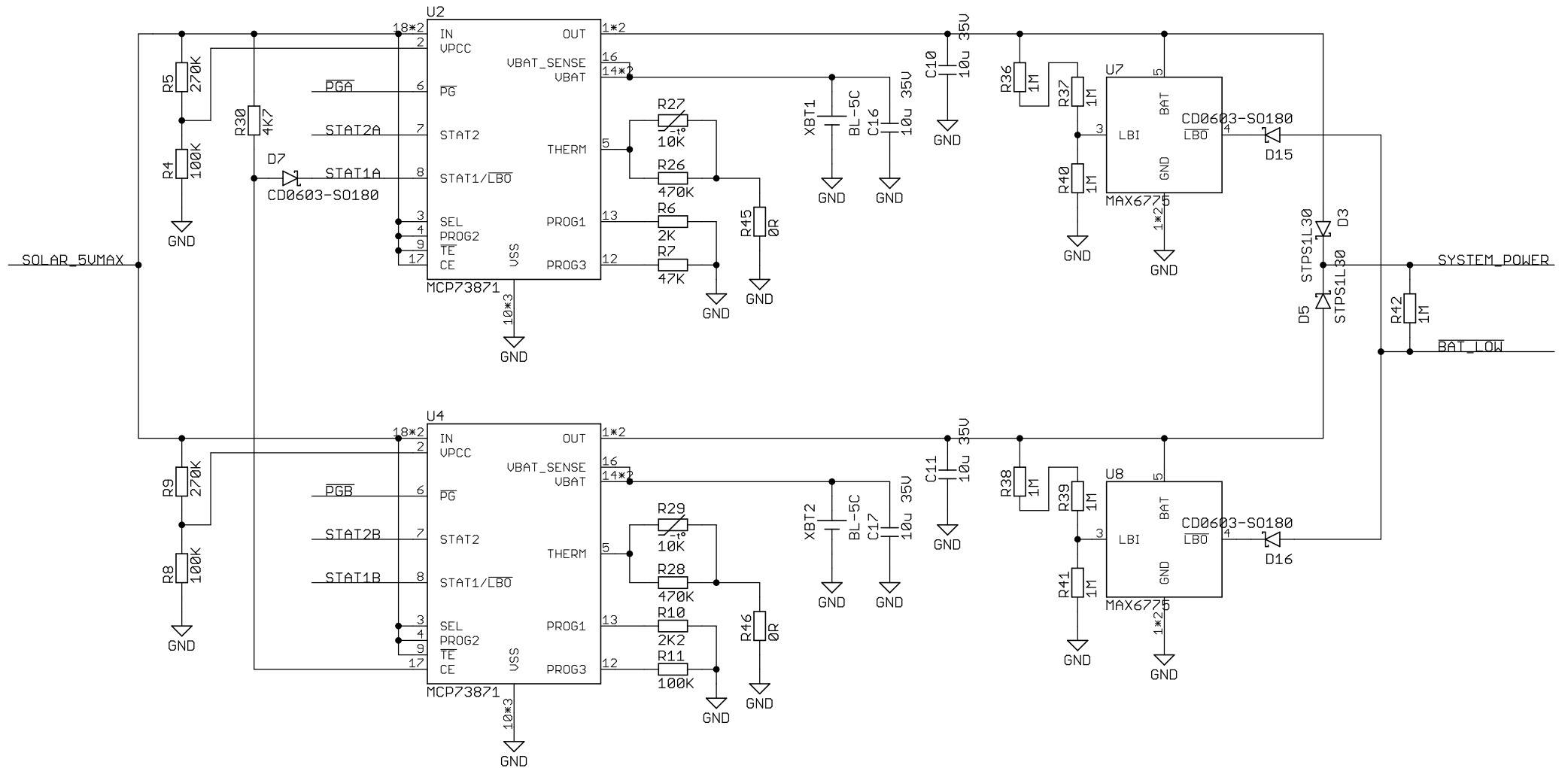
Solar Panel Input and Buck Regulator



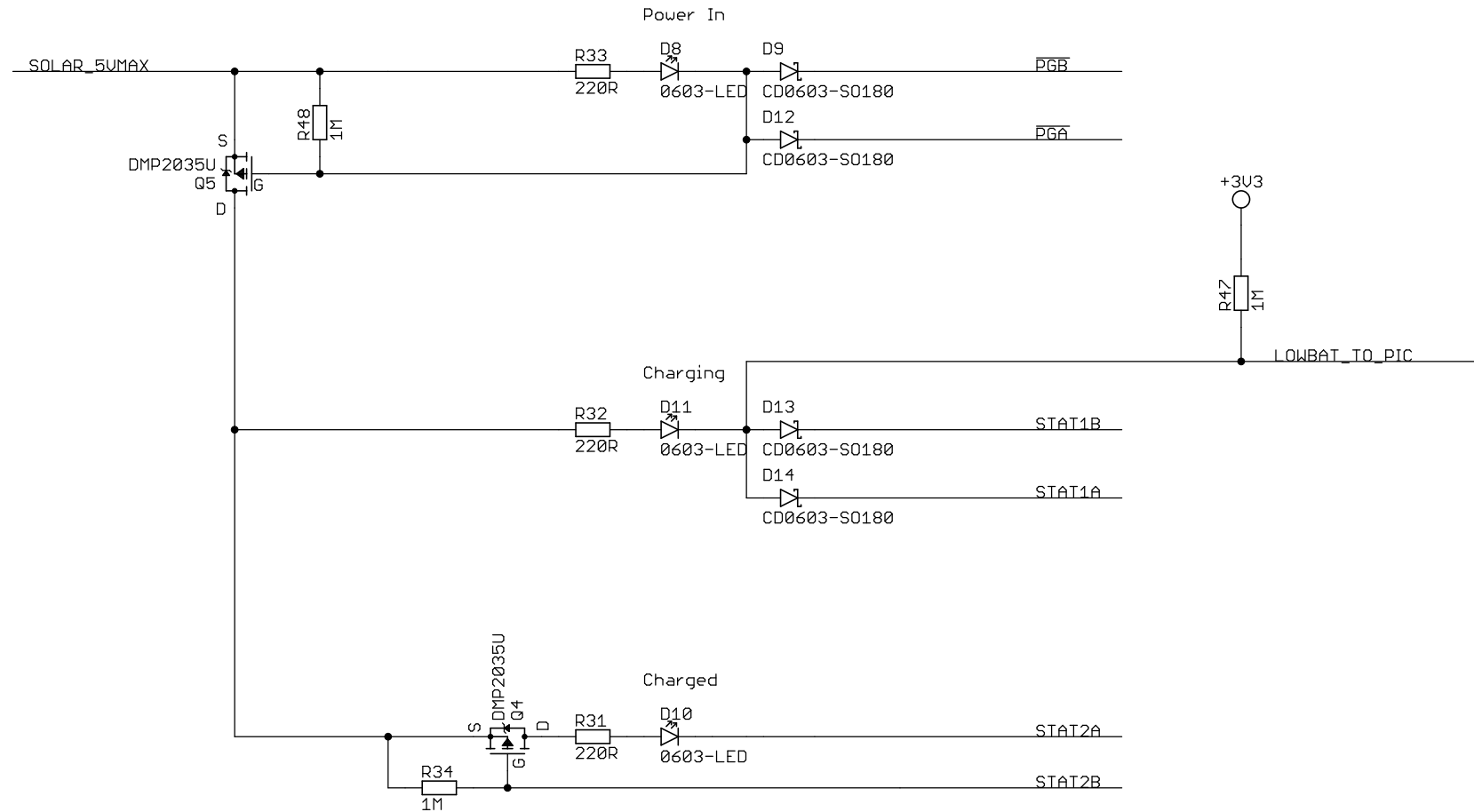
SN1
S/N _____

SolarWhat Adaptor			
BMJ	Date Issued 2018-12-13		Drawn By Benjie
	Rev. B	PCB Number 1013	Size A4L
		Sheet 1	of 6

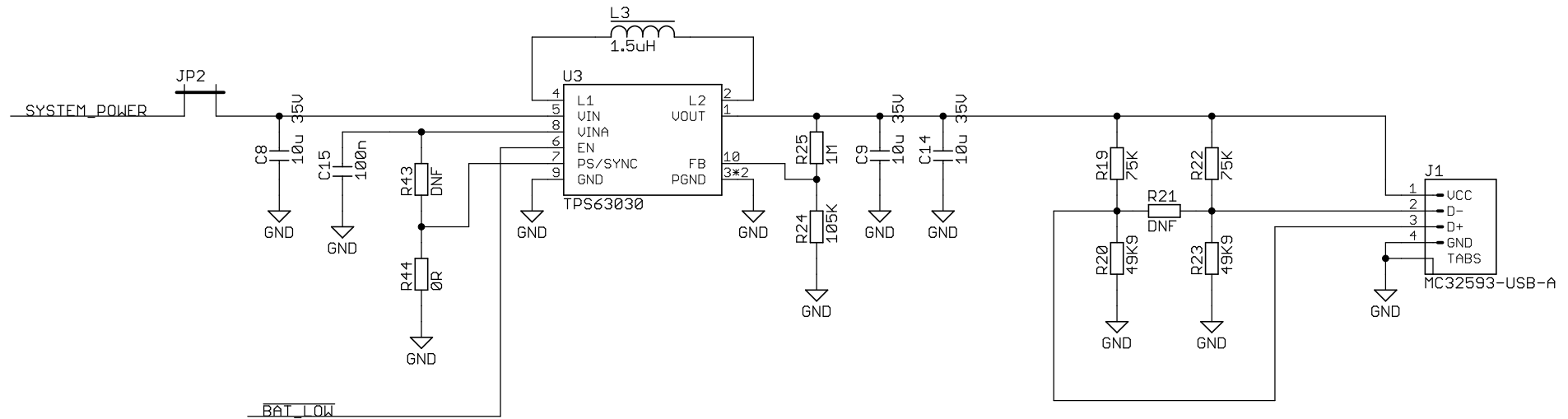
Batteries and Chargers



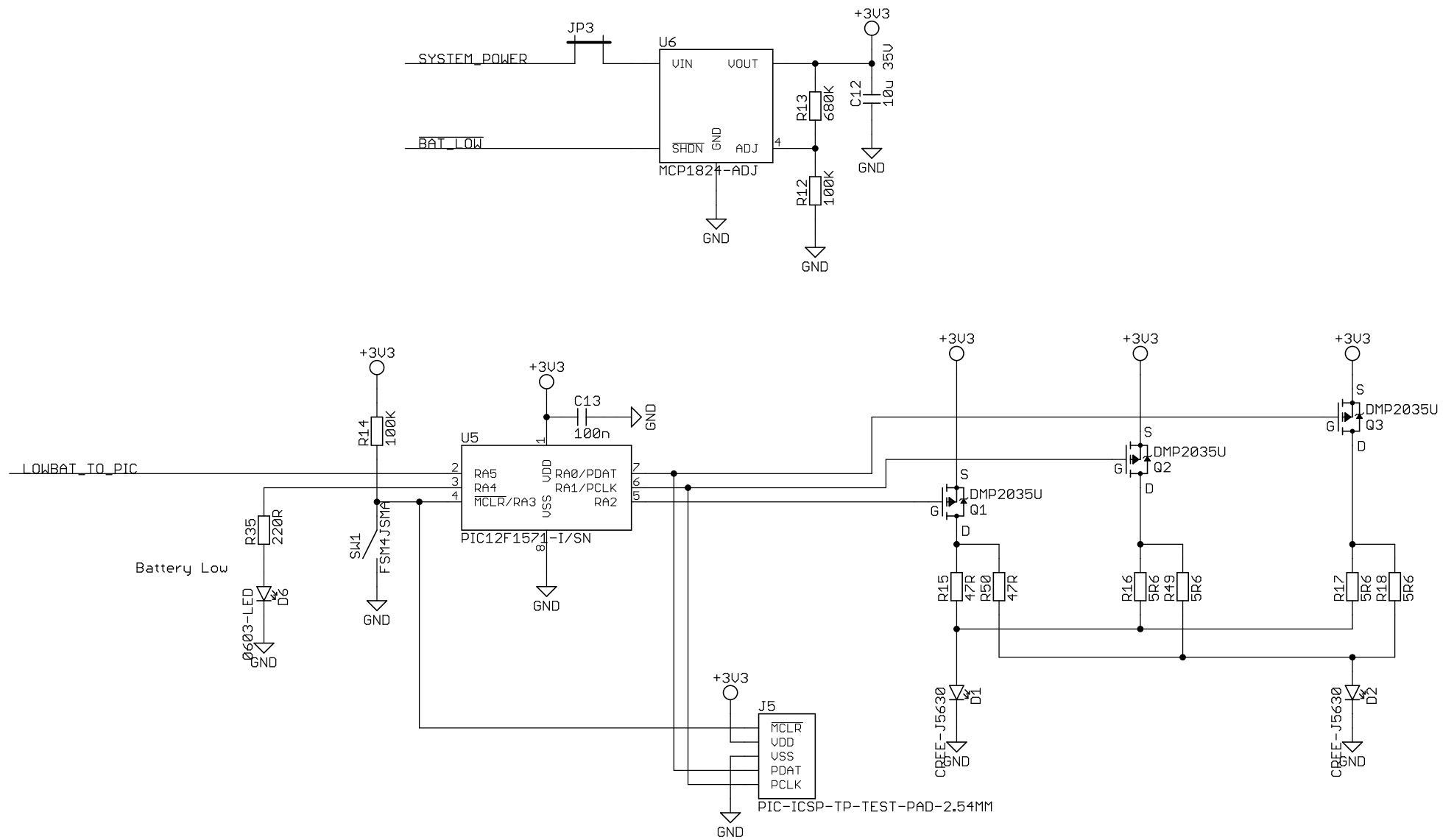
Status LEDs



Buck/Boost Regulator and USB Output



LEDs, Switch and Control



Revision History

Rev A - initial prototype revision

Rev B - slight change to board shape, relocate battery connectors, change R9 (was 330K now 270K), change R30 (was 100K now 4K7), gate status leds using P6, include USB charge resistors, use exact sizes for output resistors, add serial number area, add series thermistor resistor, change R2 (was 51K now 56K), add some labels to critical components for repair, enable power save on TPS63030 (was high now low), modify output FET wiring to drive both LEDs equally, connect low battery status lines to PIC, change R7 (was 100K now 47K) to switch to charging second battery at 20mA (was 10mA)