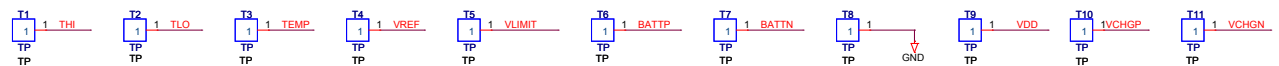


TEMP<TLO FASTCH will not start  
 TEMP>THI FASTCH stops  
 GOOD = THI << TEMP >> TLO  
 THI@25 = 1.0V, THI@35 = 1.3V  
 IFAST=mAh/Hours=10000/4=2500mA=2.5A  
 RSENSE=0.25V/IFAST=0.1OHM



For longest (264 minutes) FASTCH,  
 5 cells, slope Enabled, as bellow:

	PGM0	PGM1		PGM2	PGM3
5 Cells	OPEN	V+	264m Slope Enabled	BATT-	BATT-
6 Cells	OPEN	OPEN	264m Slope Disabled	V+	BATT-

Battery Thermistor and THI are the same. Thermistor TH1 senses the temperature rise in the battery, preventing fastcharge if THI goes above TEMP set by RT3/RT4 or approximately -1.2Volts.  
 \*\*\* Thermistor TH1 is not on the board it is potted into the battery assembly.

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Title  
 P7 Switching MAX712 Smart Charger

Size	Document Number	Rev
B	P7CHSW1A	A

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