



On PCB HPA250:
 jumper across D4,
 jumper from D3-A to Q4-E
 jumper across D7

Vout 2.4V
 420mA max

Set for 1 NiMH battery

ON HPA250 PCB:
 jumper left most
 positions of J6
 top to bottom

Connect 10k resistor
 or 10k NTC thermistor
 between Temp Sense
 and BAT-

Maximum Time Out
 now set at 5.7 hours
 Top off enabled

size 1206
 current charging targeted
 to 1.0A

ON HPA250:
 jumper J4 pin1 to pin 2
 and top side of R23 to BAT-

Built on HPA250
 by Steve Tom
 Modified from PMP2980

charging 2 parallel NiMH 700mAh batteries

Texas Instruments

Title			
bq2000 5Vin 1 cell NiMH 1000mA out			
Size	Number	Rev	
C	PMP5211	A	
Date	October 29, 2009	Drawn by	Josh Mandelcorn
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