





* Diode bridges replaced by jumpers on PC Board
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 7805 Regulators replaced by jumpers on PC Board

Title Peak-Detect Charger Power Supply		
Size A4	Number	Revision 0
Date: 24-Sep-2003	Sheet of	
File: C:\My Documents\16C711 Peak Detect Charger PSU	Designed by: SchE Brouwer	

Configuration Bits			
Address	Value	Category	Setting
2007	3FF2	Oscillator	HS
		Watchdog Timer	Off
		Power Up Timer	On
		Brown Out Detect	On
		Code Protect	Off

16C711 PEAK DETECT CHARGER	
Bill of Materials	
Designator	Part Type
R1	2 x 6R8, 1W resistors in parallel
R2	1K
R3	4K7
R4	10K
R5	1K5
R6	1K5
R7	1K5
R8	1K5
R9	1K5
R10	1K8
R11	1K2
C1	4700u 35V
C2	47uf, 16V
C4	27p
C3	27p
C5	0.1uf
D1	1A Bridge
D2	1N4007
D3	Power LED
D4	Status LED
D5	Charge LED
Q1	BC109
U1	PIC 16C711, 4MHz
X1	Crystal, 4MHz







