

Quantizer Display BOM

Resistors				
100K	1			
47K	1			
1K0	1			
68R-150R 1Watt	1			Higer value recommended to reduce heat
Capacitors				
10pf ceramic	2			
47ufd electrolytic 35V	1			
100n ceramic bypass	3			
Semiconductors				
2N222	1			
PIC16F876	1			INCLUDED WITH BOARD
Crystal				
20mhz	1			
Display				
16X2 LCD character		67-1760-ND	Digi-Key #	LCM-S01602DSF/C LCD MODULE 16X2 CHARACTER W/LED
LCD Bezel		PRD250LPW-ND	Digi-Key #	BEZEL LOPRO 2.5"W/2.4X.630WINDOW
Adhesive Strips		PRDAS-ND	Digi-Key #	ADHESIVE STRIPS 2 PER PAD
2.54 In line header 5 pin	1	display mounted	Tayda.com	Use one 40 pin snap to fit cut to size
2.54 dual header 14 pin	1	"" ""		" " " "
2.54 female headers	1	board mounted	Tayda.com	I used a 40pin single in line female header cut to fit
Potentiometers				
50K Linear	1	P3K1503-ND	Digi-Key #	
20K Linear	1	P3I9203-ND	Digi-Key #	
Connector				
5 pin .1" (2.54mm) in line	1			
3 pin .1" (2.54mm) in line	1			