



# Fox Delta

Amateur Radio Projects & Kits

FD- LCM

## Schematic & Parts List: PIC16F84A Micro Controller LCD L/C Meter

### L/C Meter Kit Parts List:

Quantity	Check	IC, Relay & Diodes
1		PIC16F84A DIP (Programmed) U1
3		Push Buttons with PTH PCB
1		1 C/O Push Switch
2		Alum posts to support LCD
1		Double Sided PTH PCB "FD-LCM"
1		7805 Regulator or 78L05 (U3)
1		IC Socket 18Pin (PIC16F84) U1
1		IC Sockets 8Pin (LM311) U2
1		LCD 1x16 with BL & SIL Male/Female Headers
1		LM311 DIP8 (U2)
1		BC557B / Q1
1		1N4148(D2)
1		1N4007 (D1)
1		Reed Relay 5V Coil (1NO)
1		DC Socket (J1)
Parts		Capacitors, Resistors & Inductors
1		82uh RFC
2		1uf Tantalum: C1, 2
1		RV1: Preset, Bourns, 10T 100K
2		10uf Tantalum: C8, 9
3		0.1uf Ceramic
2		33pf Ceramic: C4, 5
1		0.001uf Ceramic: C10
1		0.001uf Ceramic 5% : C11
1		22 ohms 1/4w: R2
4		6.8k: R1, 3, 5, 9
1		1k
1		47k
3		100k

