

GPSDO - Display board for Jupiter GPS

B.O.M. rev.4 12-july-09

IV3FDO

QT.	DEVICE	REF.	NOTE	SUPPL.	CODE
1	Printed Circuit Board				CI_Displ_GPS
1	PIC16F877A-I/P dil 40	U2	I.C. uP PIC16F877A-I/P dil 40	RS Comp.	467-1690
1	BC856 BLT1G smd	Q1	Trans.BC856-BLT1G smd PNP	RS Comp.	544-9422
1	WM-C1602	Display	Display 2x16CRT (Wintek or equivalent)	Wintek	
1	4MHz xtal HC49U lp	X1	Xtal 4MHz HC49U low profile	diverse	
1	7805	U1	I.C. Regol. +5V 1A TO220	diverse	
1	Diode 1A	D3	Diode 1A 50V (smd or equivalent)	diverse	
1	Led 5mm RED	D1	LED diode RED 5mm	diverse	
1	Led 5mm YELLOW	D2	LED diode yellow 5mm	diverse	
2	10uF 16V smd B	C6-C7	Cap elett. 10uF 16V smd B	diverse	
4	0.1uF 50V smd 0805	C3-C4-C5-C8	Cap cer 0.1uF 50V smd 0805	diverse	
2	22pF 50V smd 0805	C1-C2	Cap cer 22 pF 50V smd 0805	diverse	
3	0R0 smd 1206	R11-R15-R17	Resist. 0 ohm 1206	diverse	
2	3R3 smd 1206	R13-R14	Resist. 3R3 ohm smd 1206	diverse	
1	220R smd 0809	R9	Resist. 220R smd 0805	diverse	
2	4k7 smd 1206	R16-R19	Resist. 4K7 smd 1206	diverse	
2	470R smd 1206	R10-R18	Resist. 470 ohm smd 1206	diverse	
9	1K5 smd 0805	R1,2,3,4,5,6,7,8-R12	Resist. 1K5 smd 0805	diverse	
1	4K7 trimmer	VR1	Trimmer 4K7 vert. std.	diverse	
1	Socket 40pin DIL	for PIC16F877	Socket 40pin DIL	diverse	
1	Conn. Strip 18x1 p.2.54	P Display	Conn. Pin strip 18x1 pitch2.54mm	diverse	optional
3	Conn. Strip 2x1 p.2.54	P1-P2-P3	Conn. Pin strip 2x1 pitch 2.54mm	diverse	
Note: DEVICE SUPPL.		RS Components	http://it.rs-online.com/web/	addresses	will depend
		Farnell	http://it.farnell.com/	from Nation	to Nation