

GPSDO - Interface for Jupiter GPS + 10MHz pcb - B.O.M. rev.4 12-july-09 IV3FDO					
QT.	DEVICE	REF.	NOTE	SUPPL.	CODE
1	Printed Circuit Board				Cl_interf_1
1	ICL232CBEZ soic16w	U7	I.C. Interf. RS232/TTL soic16w	RS Comp.	394-493 or 496-892
1	LP2980 smd SOT23	U3	I.C. Vreg. 3.3V SOT23	RS Comp.	536-0571
1	74AC86SC soic	U4	I:C: OR excl. soic	RS Comp.	663-1013
2	74HC390D soic	U5-U6	I.C. Decade counter soic	Farnell	108-5343 or RS663-0281
1	7805	U1	I.C. Vreg. +5V 1A TO220	Diverse	
1	LM393 smd SO8	U8	I.C. dual comp. SO8	RS Comp.	517-2425
1	Diode 1A	D3	Diode 1A 50V (smd or equivalent)	Diverse	
1	Led 5mm RED	D1	LED diode RED 5mm *external*	Diverse	
1	TVXOOO9900	CFPT125	VTCXO 10MHz smd	RS Comp.	478-8984
5	1uF 16V smd 0805	C8-12-13-14-15	Cap. cer 1uF 16V smd 0805	Diverse	
3	33uF 16V smd C	C9 1-2-3	Cap. Tantal 33uF 16V smd C	Diverse	
10	0.1uF 50V 0805	C2-5-7-11-17(R17)-18-20-21-22-24	Cap. Cer 0.1 uF 50V smd 0805	Diverse	
3	10uF 16V smd B	C3-4-6	Cap. Tantal. 10uF 16V smd B	Diverse	
5	0R0 smd 1206	R11-13-14-15-16	Resist. 0 ohm 1206	Diverse	
1	15R smd 0805	R2	Resist. 15 ohm smd 0805	Diverse	
1	220R smd 0805	R8	Resist. 220 ohm smd 0805		
2	4k7 smd 0805	R3-5	Resist. 4K7 smd 0805	Diverse	
1	33K smd 0805	R4	Resist. 33K smd 0805	Diverse	
1	330K smd 0805	R10	Resist. 330K smd 0805	Diverse	
2	10K smd	V1-V2	Trimmer 10K smd (3mm)	RS Comp.	461-7135
1	Conn. Strip 2x10 p.2.0	Conn.GPS	Conn strip smd 2x10 pitch2.0mm	RS Comp.	507-7516
1	Conn. Strip 4x1 p.2,54	P4	Conn strip. 4x1 pitch2.54mm	Diverse	
5	Conn. Strip 2x1 p.2.54	P2-P5-P6-P7-P8-P9	Conn strip. 2x1 pitch2.54mm	Diverse	
Note: DEVICE SUPPL.		RS Components	http://it.rs-online.com/web/	address will	depend
		Farnell	http://it.farnell.com/	from Nation	to Nation