

Bill Of Materials For JUP12_GPS_FS.DSN

Design Title : JUP12_GPS_FS.DSN
Author : George Smart, M1GEO
Location : http://www.george-smart.co.uk/wiki/GPS_Frequency_Standard
Revision : Version 1.0a
Design Created : 05 April 2012
Design Last Modified : 07 April 2012
Total Parts In Design : 41

11 Resistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	R1	10R	M10R
2	R2, R5	1k	M1k
2	R3, R4	47k	M47K
1	R6	160k	M160K
4	R7-R10	200R	M200R
1	R11	22k	M22K

12 Capacitors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
5	C1, C3, C4, C10, C11	100n	Maplin RA49D
1	C2	47u	Maplin VH11M
4	C5, C6, C8, C9	1.0u	Digikey 399-5042-2-ND
1	C7	100u	Maplin KQ70M
1	C16	10u	Maplin AU06G

7 Integrated Circuits

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	U1	7805	
1	U2	MAX232	
1	U3	74HC86	
1	U4	74HC14	
2	U5, U6	74HC390	
1	U7	VCO	

3 Diodes

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Part Notes</u>
1	D2	1N4001	
1	D1	LED	POWER
1	D3	LED	1PPS

8 Miscellaneous

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Part Notes</u>
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1	CON1	CON DIL 2X10	JUPITER 12 GPS RECEIVER
1	J1	CONN-D9F	RS232 OUT
1	J2	CONN-SIL2	ANT PWR
1	J3	CONN-SIL3	PPS OUT
1	J4	DC JACK	POWER
1	J5	BNC	10 MHZ OUT
1	J13	CONN-SIL2	NEMA
1	L1	3.3u	Maybe 10u. Maybe short?

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