				Farnell		RS	Chosen		
Component	**Value**	**Num**	**Code**	**Cost**	**Code**	**Cost**	**Cost**	**Total**	**Note**
U1	Arduino Micro	1			771-7667	£15.74	£15.74	£15.74	*With headers*
DDS	DDS Module	1					£7.99	£7.99	*AD9850 DDS Signal 0-40MHz from 'heavends' on eBay (UK merchant)*
U2	MCP6002	1			403-036	£0.24	£0.24	£0.24	*MCP6002-I/P Dual Op-Amp 1MHz CMOS R-R 3, 5V 8-Pin PDIP*
U3	LM7805CT	1			671-0309	£0.49	£0.49	£0.49	
U4	L7809CV	1	1087089	£0.42			£0.42	£0.42	
D1,2	AA143	2					£0.60	£1.20	*Germanium RF diode from 'slamme58' on eBay (from Denmark; bought 10pk)*
LED1	Green, med size	1			646-6658	£0.05	£0.05	£0.05	*For the 'Scan in Progress' LED. Arduino Micro has a built-in one, but want case-mounted*
C1	1uF elec	1			3654199	£0.07	£0.07	£0.07	
C2,4	100nF ceramic	2			5381203	£0.16	£0.16	£0.32	*=0.1uF*
C3,5,6	10nF ceramic	3	1650710	£0.18			£0.18	£0.54	*=0.01uf, 10000pf*
C7,8,9	10uF elec	3	2346601	£0.07			£0.07	£0.21	*For the power supply*
R1,2,3	50Ω	3	2396015	£0.37			£0.37	£1.11	*Metal film 1% axial*
R4,8,12	10KΩ	3			132-731	£0.03	£0.03	£0.08	*Carbon film 0.5W*
R5,9	100KΩ	2			7078388	£0.02	£0.02	£0.04	*Carbon 0.5W, 5%*
R6,10	5KΩ (2 x 10KΩ ea)	4			132-731	£0.03	£0.03	£0.10	*Could not find cheap 5KΩ resistors so am using 2 x 10KΩ in parallel*
R7,11	649Ω	2	1563247	£0.37			£0.37	£0.74	*Circuit required 648Ω but could not find, so chose 649Ω, 0.25W, 0.5%, 50PPM*
ANT	50Ω	1	1169707	£1.68			£1.68	£1.68	*UHF bulkhead RF coaxial socket, takes a PL-259*
PWRSOCK	Socket	1	1243247	£1.07			£1.07	£1.07	*Power socket*
PWRPLUG	Plug	1	1568397	£1.18			£1.18	£1.18	*Power plug, 4A, 12V*
CASE		1	1877411	£5.56			£5.56	£5.56	*120x120x59mm, grey ABS*
DIP8	8-pin DIP Socket	1			813115	£0.35	£0.35	£0.35	
~~PINSTRIP~~	~~32 way pin strip~~	~~2~~			~~2677416~~	~~£0.75~~	~~£0.00~~	~~£0.00~~	~~*For Arduino and DDS*~~
BOARD	Veroboard	1	1536938	£6.73			£6.73	£6.73	*Need '38 strips x 31 holes, 96mm x 81mm, 2.54mm hole spacing stripboard.*
									This is 121.92mm x 101.6mm, 41 tracks x 44 holes
								Grand Total	
								£45.93	