

## 2TransistorG8CQXLoopAmp

Id	Designator	Package
1	J2,J1	2PoleScrewTerm
2	C1,C2,C3,C4	C_Disc_D7.0mm_W2.5mm_P5.00mm
3	L1	CAPPRD700W80D1200H1300
4	R2,R3,R4,R5	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
5	T1ferrite core	transformer
6	R1	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
7	Q2,Q1	TO-92_Inline
	PCBs	
	littlefuse	
	bnc sockets	
	box	
	3.3m aerial wire	
	1.5m black hookup wire	
	1.5m red hhokup wire	
	300mm 0.4mm enamelled copper wire	

number kits

20

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Quantity	Designation	RS ref	batch size	batch cost	number batches
5	Conn_01x02_Female	897-0843	10	3	10
5	1uF	180-5107	50	8.06	2
2	10mH	811-8819	10	4.15	4
4	4700ohm	707-7726	10	1.27	8
1	Transformer8to1 FT-23-75		20	0	1
1	100ohm	707-8142	10	1.69	2
2	Transistor_BJT_PN2222A	739-0381	10	2.48	4
1	JLC 2 weeks turnaround		20	18.67	1
1	100mAA	647-8415	10	2.69	2
3	rs pro panel mount	546-4897	1	2.916	60
2	rs pro black abs	192-0785	1	2.328	40
1	Sotabeams green antenna wire 100m		30	28	1
1	20swg 30m black	331-862	30	14.48	1
1	20swg 30m red	331-878	30	14.48	1
1	.4mm enamelled	337-7050	230	7.4	1

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cost	Vat-ex	batch	vat-ex
30		25	2.5
16.12	13.433333333	6.716666667	
16.6	13.833333333	3.458333333	
10.16	8.466666667	1.058333333	
0		0	0
3.38	2.816666667	1.408333333	
9.92	8.266666667	2.066666667	
18.67	15.558333333	15.558333333	
5.38	4.483333333	2.241666667	
174.96		145.8	2.43
93.12		77.6	1.94
28	23.333333333	23.333333333	
14.48	12.066666667	12.066666667	
14.48	12.066666667	12.066666667	
7.4	6.166666667	6.166666667	
rs only		330	
total cost			
442.67	368.8916667		
cost each			
22.1335			