TFT - PARTS LIST

Product: Repeater

Sub-Assy: HOZ Logic MK2

Sheet 1 of 1

Issue 6 Jan 09

Parts List No. PL207

Circuit Diagram No. CD001

PCB Layout No. HOZ Logic

Approved By:- MM1FEO

Parts Cost £ 134.30

Line No.	Circuit Ref	Description	Qty	Part No.	Supplier	Price Per	Price (£)	RoHS
1	PCB	PCB Issue 5	1	HOZ MK2 Logic PCB	Swift Circuits	22.53	22.53	
2	IC1	MT8870	1	571-659	Farnell	2.45	2.45	
3	IC2	PIC 16F74	1	976-0695	Farnell	3.46	3.46	
4	IC3	CML FX828P4	1	FX828-P4	Spectre	21.08	21.08	Yes
5	IC4	CML FX365CJ	1	FX365CJ	Spectre	34.32	34.32	Yes
6	LCD DISP	Dot Matrix LCD Display	1	184-8544	RS	25.15	25.15	
7	D1-2	1N4148	2	1N4148	Anglia	0.01	0.02	
8	ZD1	1N5339B	1	955-7962	Farnell	0.21	0.21	Yes
9	TR1	BC184L	1	BC184L	Anglia	0.05	0.05	
10	TR2	BC327	1	984-6875	Farnell	0.11	0.11	Yes
11	LED 1	3mm Green	1	178-304	Farnell	0.17	0.17	
12	LED 2	3mm Yellow	1	178-305	Farnell	0.23	0.23	
13	LED 3	3mm Green	1	178-304	Farnell	0.17	0.17	
14	REG1	LM7805CT	1	412-776	Farnell	0.34	0.34	
15	Conn 3	16 way PCB plug	1	468-903	Farnell	1.82	1.82	
16			0			0.00	0.00	
17	Conn 1 & 2	16 way PCB socket	2	304-7490	Farnell	2.19	4.38	
18	TEST,TX,LINK	Veropin 1mm	6	433-854	RS	0.01	0.06	
19	Heatsink	TO220	1	170-074	Farnell	0.65	0.65	
20	IC Socket	40 pin IC Socket for PIC	1	424-2324	Farnell	0.67	0.67	
21	FUSEHOLDER	Fuseholder PCB	1	976-120	Farnell	0.20	0.20	
22	FUSE	T630mA 20mm Fuse	1	534-146	Farnell	0.18	0.18	
23	XL1, 3	4MHz HC49/U	2	493-028	Farnell	0.76	1.52	
24	XL2	3.579545MHz HC49/U	1	493-065	Farnell	0.76	0.76	
25	XL4	1MHz resonator	1	573-541	Farnell	1.00	1.00	
26	VR1-4	10K Trimmer	4	960-8494	Farnell	1.15	4.60	Yes
27	C1,22-3,27	0u47 Tant Bead 35V	4	110-0487	Farnell	0.29	1.16	Yes
28	C2,14,16-7,21,35	4u7 Tant Bead 16V	6	110-0466	Farnell	0.34	2.04	Yes
29	C3,19,24	100uF Rad 16V 0.1 pitch	3	969-3580	Farnell	0.07	0.21	Yes
30	C4-5,8-9	22pF Ceramic Plate 0.1 pitch	4	113-8845	Farnell	0.12	0.48	Yes
31	C6-7,10,12,18,20,28,30,34	0u1 Poly	9	385-005	Anglia	0.18	1.62	
32	C11,29	1u0 Tant Bead 35V	2	110-0489	Farnell	0.29	0.58	Yes
33	C13,15	0u1 Tant 35V	2	110-0483	Farnell	0.29	0.58	Yes
34	C32	39pF Ceramic Plate 0.1 pitch	1	113-1848	Farnell	0.10	0.10	Yes
35	C31	33pF Ceramic Plate 0.1 pitch	1	113-8847	Farnell	0.12	0.12	Yes
36	C33	22uF Tant Bead 16V	1	110-0470	Farnell	0.42	0.42	Yes
37	R1,5,7-8.12-13,18-22,30-35	10K	18	MFR4		0.02	0.36	
38	R2,29,36	4K7	3	MFR4		0.02	0.06	
39	R3-4,14-5	100K	4	MFR4		0.02	0.08	
40	R6	390K	1	MFR4		0.02	0.02	
41	R9,40	1M	2	MFR4		0.02	0.04	
42	R10	3K9	1	MFR4		0.02	0.02	
43	R11	5K6	1	MFR4		0.02	0.02	
44	R16-7,37-8	1K	4	MFR4		0.02	0.08	
45	R24-5	33R 0.75W	2	949-7676	Farnell	0.05	0.10	Yes
46	R26	820K	1	MFR4		0.02	0.02	
47	R27	330K	1	MFR4		0.02	0.02	
48	R28	15K	1	MFR4		0.02	0.02	
49	R39	270R	1	MFR4		0.02	0.02	
50							0.00	
51							0.00	
52							0.00	
53	Notes:-						0.00	
54	R23 deleted on Issue 4 PCB						0.00	
55	16 pin connectors for the display are shown as 14 pin ones are not easily available.16 pin one can be used if two						0.00	
56	pins are cut off.						0.00	
57							0.00	
58							0.00	
59							0.00	