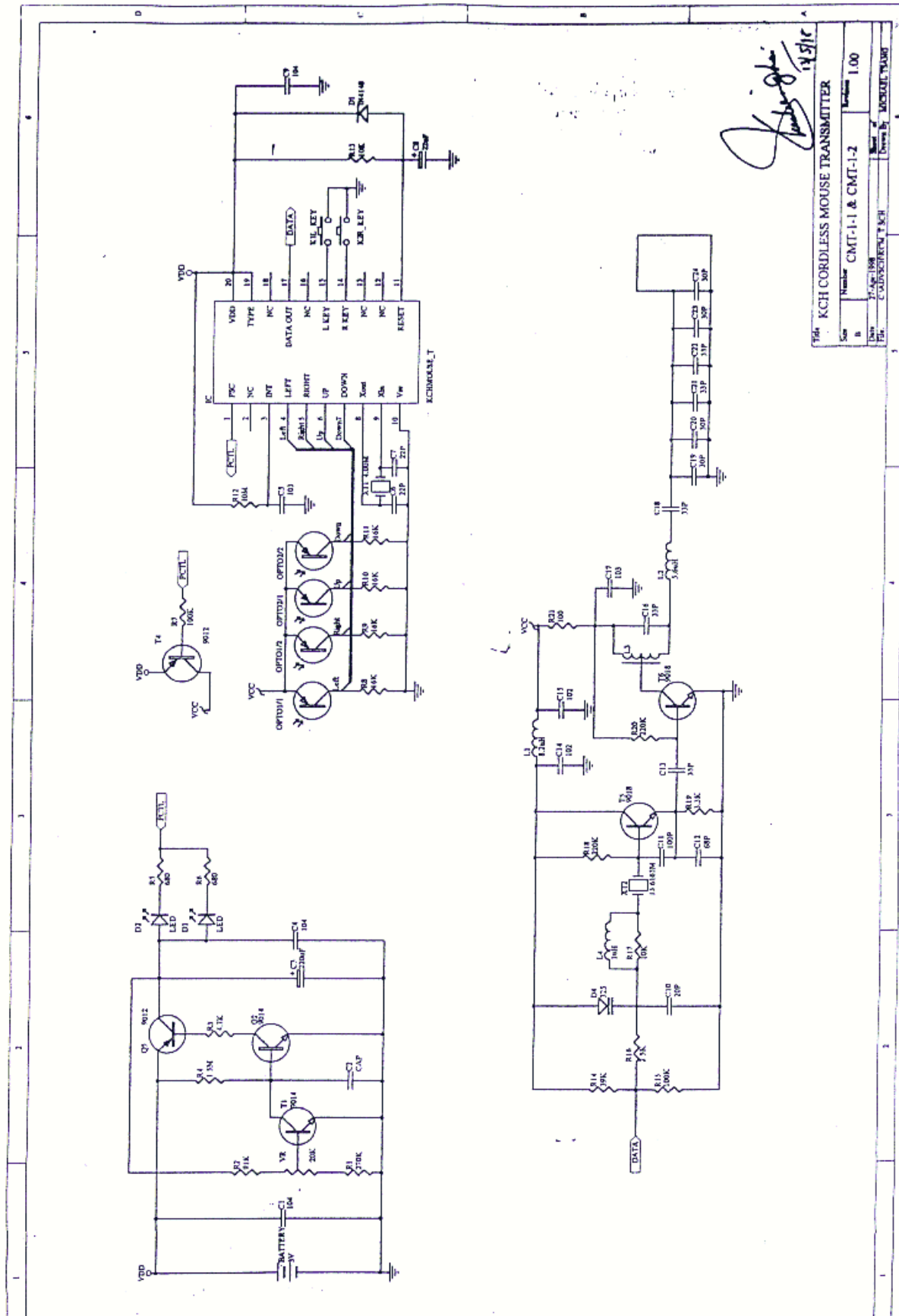
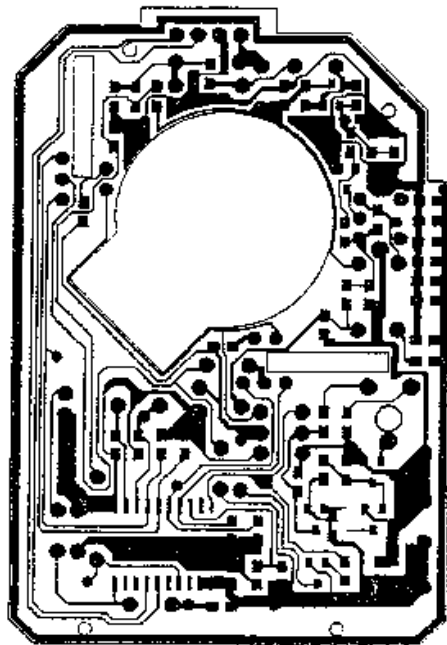



Schematics for application N5HG2MOUSE-TX



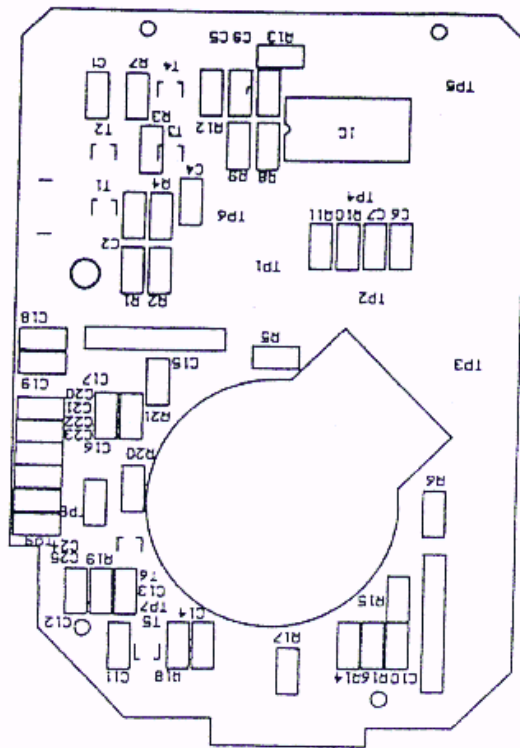
schematic #1



MODEL	KCMT-V1	DRAWING NO	
DESCRIPTION	BOTTOM LAYER	DATE	18/11/97
PCB NO.	CMT-1-1	PCB SIZE	75X52mm REV 1.0
DRAWN BY	MICHAEL		
CHECK BY	ZHENXIN		
		14/5/98	

schematic #2

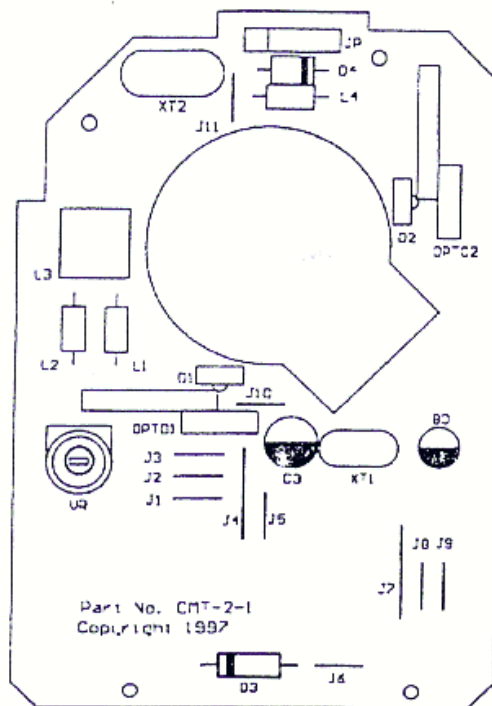
PART NO.	COMPONENT VALUE	PART NO.	COMPONENT VALUE
1	R1	27	C7
2	R2	28	C9
3	R3	29	C10
4	R4	30	C11
5	R5	31	C12
6	R6	32	C13
7	R7	33	C14
8	R8	34	C15
9	R9	35	C16
10	R10	36	C17
11	R11	37	C18
12	R12	38	C19
13	R13	39	C20
14	R14	40	C21
15	R15	41	C22
16	R16	42	C23
17	R17	43	C24
18	R18	44	C25
19	R19	45	T1
20	R20	46	T2
21	R21	47	T3
22	C1	48	T4
23	C2	49	T5
24	C4	50	T6
25	C5	51	IC
26	C6	52	



MODEL	KCMT-V1	DRAWING NO	
DESCRIPTION	BOTTOM COMPONENT LAYOUT	DATE	18/11/99
PCB NO.	CMT-2-1	PCB SIZE	75X52mm
DRAWN BY	MICHAEL	REV	1.0
CHECK BY	ZHENXIN		

schematic #3

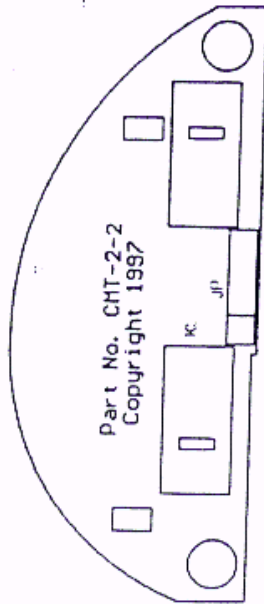
PART NO.	COMPONENT VALUE	PART NO.	COMPONENT VALUE
1 C3	220u	27 JP	SIP4
2 C8	22u	28 J1	5mm
3 L1	5.6uH	29 J2	5mm
4 L2	1.2uH	30 J3	5mm
5 L3	TIHP59527	31 J4	10mm
6 L4	5.6uH	32 J5	5mm
7 D1	IR906-6C	33 J6	5mm
8 D2	IR908-6C	34 J7	10mm
9 D3	1N4148	35 J8	5mm
10 D4	1SV1043	36 J9	5mm
11 OPTO1	PT2259	37 J10	5mm
12 OPTO2	PT2259	38 J11	5mm
13 VR	20K		
14 XT1	4.00MHz		
15 XT2	13.6165MHz		



MODEL	KCMT-V1	DRAWING NO.	
DESCRIPTION	TOP COMPONENT LAYOUT	DATE	18/11/97
PCB NO.	CMT-2-1	PCB SIZE	75X52mm
		REV	1.0
DRAWN BY	MICHAEL		
CHECK BY	ZHENXIN		

schematic #4

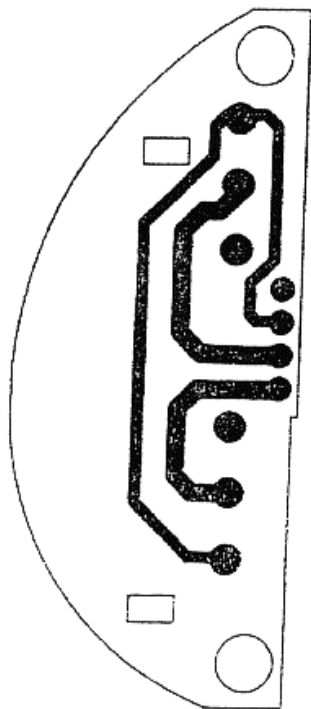
	PART NO.	COMPONENT VALUE	PART NO.	COMPONENT VALUE
1	KL	MICRO SWITCH	3	JP
2	KR	MICRO SWITCH	4	SIP4



MODEL	KCMT-V1	DRAWING NO	
DESCRIPTION	TOP COMPONENT LAYOUT	DATE	18/11/97
PCB NO.	CMT-2-2	PCB SIZE	75X52mm
DRAWN BY	MICHAEL	REV	1.0
CHECK BY	ZHENXIN		

Michael
13/5/98

schematic #5



MODEL	KCM-V1	DRAWING NO	
DESCRIPTION	BOTTOM LAYER	DATE	18/11/97
PCB NO.	CMT-1-2	PCB SIZE	53X22mm REV 1.0
DRAWN BY	MICHAEL		
CHECK BY	ZHENXIN		

Michael
12/1/98

schematic #6

BILL OF MATERIAL

MODEL NO: KCMT-V1		REV: 1.00	DATE: 26, APR. 1998			
DESCRIPTION: KCH CORDLESS MOUSE TRANSMITTER						
No:	Part Number	Description	Package	Precision	Qty	Remarks
1	KCH98P3-1	Key Flip			1	
2	KCH98P2-1	Bottom Cover			1	
3	KCH98P3-1	Top Cover			1	
4	KCH98P4-1	Ball Cover			1	
5	KCH98P5-1	Battery Cover			1	
6	TB22B	Rubber Rolling Ball	22mm		1	
7	KCH98P6-1	Roller			1	
8	KCH98P7-1	Roller Housing			1	
9	KCH98P8-1	Wheel			2	
9	TRP	Roller Brass Pin			1	
10	TPS	Press Spring			1	
11	CMT-2-1	Main PCB Board			1	
12	CMR-2-2	Key PCB Board			1	
13	TBCAB	+&- Battery Connect			1	
14	TPEP	PE Pad			4	
15	TL001	LABEL 1			1	
16	TL002	LABEL 2			1	
17	S002	Screw			3	


[Signature]
12/5/98

schematic #7

BILL OF MATERIAL

[illegible]

schematic #8



v4/5/18

BILL OF MATERIAL

PART NO: CMT-2-1		REV: 1.00	DATE: 26, APR. 1998			
DESCRIPTION: KCH CORDLESS MOUSE TRANSMITTER MAIN PCB BOARD						
No:	Part Number	Description	Package	Precision	Qty	Remarks
1	TR913SC	91 K Chip Resistor	0805	20%	1	
2	TR274SC	270 K Chip Resistor	0805	20%	1	
3	TRR103SC	10 K Chip Resistor	0805	20%	2	
4	TR155SC	1.5 M Chip Resistor	0805	20%	1	
5	TR681SC	680 Chip Resistor	0805	20%	2	
6	TRR104SC	100 K Chip Resistor	0805	20%	2	
7	TR163SC	16 K Chip Resistor	0805	20%	4	
8	TR106SC	10M Chip Resistor	0805	20%	1	
9	TR393SC	39K Chip Resistor	0805	20%	1	
10	TR252SC	2.5 K Chip Resistor	0805	20%	1	
11	TR224SC	220 K Chip Resistor	0805	20%	1	
12	TR332SC	3.3 K Chip Resistor	0805	20%	1	
13	TR274SC	270K Chip Resistor	0805	20%	1	
14	TR101SC	100 Chip Resistor	0805	20%	1	
15	TC100SA	10 pF Chip Capacitor	0805	5%	1	
16	TRC104SC	0.1uF Chip Capacitor	0805	20%	4	
17	TRC103SC	0.01uF Chip Capacitor	0805	20%	2	
18	TC200SC	20pF Chip Capacitor	0805	20%	2	
19	TC102SC	1000pF Chip Capacitor	0805	20%	2	
20	TC350SC	35pF Chip Capacitor	0805	20%	1	
21	TC330SA	33pF Chip Capacitor	0805	5%	9	
22	TRC226REC	22uF E-Capacitor	4x7 mm	20%	1	
23	TRC227REC	220uF E-Capacitor	5x10mm	20%	1	

schematic #9

24	RIC3362S	MC3362	SOP 24		1	
25	RICKCHS	KCH-1	SOP 20		1	
26	TRL561RB	5.6 uH Inductor	Axial 0.4	10%	1	
27	RL680RB	0.68 uH Inductor	Axial 0.4	10%	3	
28	TRL121RB	1.2 uH Inductor	Axial 0.4	10%	1	
29	RL223RB	220 uH Inductor	Axial 0.4	10%	1	
30	RL222RB	22 uH Inductor	Axial 0.4	10%	1	
31	RLQ5R	455K LC Resonator	5x5mm		1	
32	TRT8050S	8050 Chip Transistor	SOT-23		2	
33	TRT9018S	9018 Chip Transistor	SOT-23		1	
34	RO400R	4.00M Resonator	Standard	$\pm 20\text{ppm}$	1	
35	RO3793R	37.933M Crystal	HC-49U	$\pm 20\text{ppm}$	1/4	
36	RO3779R	37.790M Crystal	HC-49U	$\pm 20\text{ppm}$	1/4	
37	RO3767R	37.670M Crystal	HC-49U	$\pm 20\text{ppm}$	1/4	
38	RO3776R	37.760M Crystal	HC-49U	$\pm 20\text{ppm}$	1/4	
39	RO1024R	10.245M Crystal	HC-49U	$\pm 20\text{ppm}$	1	
40	CMR-1-1-P	Plain PCB			1	
41	TRTC4F	Female Connector	4 Pin		1	
42	RLLEDs	LED Sleeve			1	
43	RS7P20R	7 Pin Socket	2.0 mm		1	
44	TRJ10	Jumper	10mm		1	
45	RJ8	Jumper	8 mm		1	


04/1/18

schematic #10

Supplier List

MODEL NO. KCM-1	REV NO. 1		ISSUE DAY: 02/03/98
PART NAME: Cordless Mouse Transmitter	QTY:		

MATERIAL LIST

No	Item	Description	Supplier	Approval
1	Chip Resister	0805	TDK	
2	Chip Capacitor	0805	TDK	
3	Electrolytic Capacitor		Ztech	
4	Chip Transistor	SOT-23	Toshiba	
5	VariResister	20k	Ztech	
6	Switching Diode	1N4148	Protex	
7	Light Emitting Diode	φ 3mm	EVERLIGHT	
8	Infrared Light Emitting Diode	IR908-6C	EVERLIGHT	
9	Photo Transistor	PT2259 B/L1	EVERLIGHT	
10	Varicap Diode	1SV1043	Toshiba	
11	Ceramics Resonantor	4.00M	TDK	
12	Crystal	HC-49U	JINGFENG	
13	KCH-2		MOTOROLA	
14	Paper Pheonic PCB	KCM-2-1	Ztech	
15	Micro Switch		Panasonic	
16	Press Spring		Ztech	
17	Batt. Connector		Ztech	
18	Rubber Ball	22mm	Ztech	
19	KCMT-1 Casing	ABS		