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SPEED MASTER X21 MAIN PCB

2003.11.20 tk.

NO.	DESCRIPTION	CODE	Normal version	Timer cut off version
1	IC.	IC1	24LC64T-I/ST(TSSOP)	SII
2		IC2	NJM2903V(SSOP)	JRC
3		IC3	HT48R70A	HOLTEC
4		IC4	NJU26150FR1	JRC
5		IC5	NJUMU7223DL1-50-TE1	JRC
6		IC6	NJM2871AF25-TE1	JRC
7		IC7	SN74LX125A	TI
8		IC9	AK5355VT	AKM
9	TRANSISTOR	TR1	2SC1623L6 or equivalent	
10		TR2	KTC8550 or equivalent	
11		TR3	KTC8050 or equivalent	
12		TR4	KTC8550 or equivalent	
13		TR5	2SC1623L6 or equivalent	
14		TR9	2SC1623L6 or equivalent	
15		TR10	2SC1623L6 or equivalent	
16		TR15	2SC1623L6 or equivalent	
17		TR16	2SC1623L6 or equivalent	
18	DIODE	D6	1N4148WS or equivalent	SCHOTTKY
19		D7	1N4148WS or equivalent	
20		D9	2FW-J42 or equivalent	
21		D14	1N4148WS or equivalent	
22	RESISTOR	R1	100k	1608 type
23		R2	100k	1608 type
24		R3	100k	1608 type
25		R4	100k	1608 type
26		R5	100k	1608 type
27		R6	100k	1608 type
28		R7	100k	1608 type
29		R8	100k	1608 type
30		R9	1k	1608 type
31		R10	1k	1608 type
32		R11	10k	1608 type
33		R12	330	1608 type
34		R13	330	1608 type
35		R14	1.8k	1608 type
36		R15	3.3k	1608 type
37		R16	1.8k	1608 type
38		R17	10	1608 type

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39		R18	10k	1608 type
40		R19	100k	1608 type
41		R20	4.7k	1608 type
42		R21	1M	1608 type
43		R22	100	1608 type
44		R23	10k	1608 type
45		R24	8.2k	1608 type

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NO.	DESCRIPTION	CODE	Normal version	Timer cut off version
46		R25	10k	1608 type
47		R26	8.2k	1608 type
48		R27	1k	1608 type
49		R31	4.7k	1608 type
50		R35	47	1608 type
51		R36	47	1608 type
52		R37	47	1608 type
53		R38	47	1608 type
54		R39	1k	1608 type
55		R40	27k	1608 type
56		R41	10k	1608 type
57		R42	27k	1608 type
58		R43	10k	1608 type
59		R44	1k	1608 type
60		R45	10k	1608 type
61		R46	47	1608 type
62		R47	10k	1608 type
63		R48	10k	1608 type
64		R49	10k	1608 type
65		R50	10k	1608 type
66		R53	330k	1608 type
67		R58	10k	1608 type
68		R59	10k	1608 type
69	CAPACITOR	C1	105(C)	1608 type
70		C2	105(C)	1608 type
71		C3	105(C)	1608 type
72		C4	105(C)	1608 type
73		C5	100(E)	small
74		C6	104(C)	1608 type
75		C7	100(E)	small
76		C8	103(C)	1608 type
77		C9	104(C)	1608 type
78		C10	10(E)	small
79		C11	10(E)	small
80		C12	10p(C)	1608 type
81		C13	10p(C)	1608 type
82		C14	105(C)	1608 type
83		C15	104(C)	1608 type

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84		C16	10(E)	small
85		C17	104(C)	1608 type
86		C18	104(C)	1608 type
87		C19	104(C)	1608 type
88		C20	104(C)	1608 type
89		C21	104(C)	1608 type
90		C22	10p(C)	1608 type

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NO.	DESCRIPTION	CODE	Normal version	Timer cut off version
91		C23	102(C)	1608 type
92		C24	12p(C)	1608 type
93		C25	103(C)	1608 type
94		C26	103(C)	1608 type
95		C27	10(E)	small
96		C28	10(E)	small
97		C29	103(C)	1608 type
98		C30	103(C)	1608 type
99		C32	104(C)	1608 type
100		C33	10p(C)	1608 type
101		C34	10(E)	small
102		C35	10(E)	small
103		C36	104(C)	1608 type
104		C37	104(C)	1608 type
105		C38	2.2(E)	small
106		C39	104(C)	1608 type
107		C40	10(E)	TANTAL
108		C42	10p(C)	1608 type
109		C43	150p(C)	1608 type
110		C44	10p(E)	small
111	INDUCTOR	L1	2.2uH	
112	JAMPER *A	J1	00	
113	*A	J2	00	
114	*A	J3	00	
115	*A	J5	00	
116	*A	J6	00	
117	EXTRA PARTS	EP1	X1:X'TAL 8MHz	AT-38
118		EP2	X2:X'TAL 33.6888MHz	AT-49
119		EP3	BUZZER JV-27T4E	JOINT VICTORY
120		EP5	TACT SW : IT-1102	SW1,2,3,4,5 LUCKY FIRST KNOB=4.3
121		EP6	CONNECTER : A1501WR0-8P	CON1 JWT
122		EP7	CONNECTER : A1501WR0-9P	CON2 JWT
123		EP8	CONNECTER : A1501WR0-3P	CON3 JWT
124		EP9	LCD:OPT00164CT	CASIL
125		EP9	PCB:No.SG-0015	both surface PCB(glass)

RESISTOR:1608 type chip,1/16W, ± 5% INDUCTOR:100mA, ± 10%

CAPACITOR(C):Ceramic,1608 type chip,50WV,+-10% (T):Tantalum,35WV, ± 10%

(M):Mylar,50WV[No mark=K.rank(± 10%),J.rank(± 5%)]

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(E):Electrolytic,16WV, $\pm 20\%$ (N):Non pole Electrolytic,16WV, $\pm 20\%$