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	Of Materials Reference	March : Part	28, 1997 SYMAN	10:45:									
Quan	Reference		SIMAN		iption 								
7	C1,C31,C35,C36,C38,C39,	.047MD7	62-3129	.047	uF Cap	50V	20%	(Cerm	SMT	0805		
4	C2,C6,C30,C33	.0068J	56-0005	.0068	uF Cap	50V	5% Po	ly Fi	lm 682J	ammo)		
1	C3	220PKD7	62-3138	220	pF Cap	50V	10%		Cerm	SMT	0805		
4	C4,C10,C15,C43	1M50E1	60-0044-01	1.0	uF Cap	50V	-20/+	20% 1	Elect.,	T&R	C&F		
3	C5,C34,C37	.0022J	56-0002	.0022	uF Cap	50V	5% Po	ly Fi	lm 222J	ammo)		
5	C7,C22,C29,C32,C42	470PMD1	62-0003	470	pF Cap	50V	20%	(Ceramic	Disc	T&R		
1	C8	.22LLM50E1	60-0039-01	.22					Elect,				
3	C9,C20,C24	10ME1	60-0049-01	10	_				Elect.,				
2	C12,C28	.47 T1	62-0161	.47	uF Cap		10%		[antalu				
1	C13	.10KD7	62-3139	.10	uF Cap		20%		Cerm		0805		
3	C14,C25,C27	4.7ME1	60-0048-01	4.7	_				Elect.,				
1	C16	.015J	56-0007	.015	uF Cap			_	lm 153J				
1	C17	.010J	56-0006	.010	uF Cap								
1	C18	.068J	56-0011	.068	uF Cap							nmo	
1	C19	25PJD1	62-0001	25	pF Cap		5%		Ceramic				
1	C21	820PMD1	62-0005	820	pF Cap		20%		Ceramic				
1	C23	47ME1	60-0054-01	47	_				Elect.,			i body	
2	C26,C11 C41	120PJD7	62-3135	120	pF Cap	50V	5%		Cerm		0805		
1 1	C44	.22LLME1	60-0039-01 56-0001	.22	uF Cap uF Cap								
1	D1	.0015J LEDR702059		LED R			0Case		1111 1520	allillo			
3	D2,D3,D5	1N4148R	70-0004	1N414					nina	75 770	lta Di	V, RAD	Τ λ Т.
1	D4	1N4140R 1N4001R	70-0004	1N414								V, RAD	
1	H1		32-1101		n Header								
1	J1	J320101	32-0101		l Jack,							locking	
1	LS1	LS281032	28-1032-A		Lexon L							110"	
3	P1, P2, P4	100K402141					Rot P						, bent lea
1	P3	500K402142			K "C" 1								, bent lea
1	PCB1	80-0096-A			BOARD RA			,			,		,
2	Q1,Q2	J201	70-1015	J201A			Channe	1					
2	03,04	2N5088	70-1007	2N508			nsist		ΣR				
6	R1,R32,R40,R42,R49,R50	1M-7	50-1506		MOhm Res					F, SM	T 0805	5	
11	R2,R4,R6,R17,R19,R20,R21, R30,R33,R46,R52	10K-7	50-1503		KOhm Res								
3	R3,R5,R26	47K-7	50-1502	47	KOhm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
9	R7,R8,R9,R34,R35,R36,R37, R38,R39	27K-7	50-1527	27	KOhm Res	istor	£ 5%	1/10	Watt C	F, SM	T 0805	5	
4	R10,R11,R15,R23	22K-7	50-1522	22	KOhm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
1	R12	15K-7	50-1516		KOhm Res								
5	R14,R31,R41,R44,R45	100K-7	50-1504	100	KOhm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
4	R16,R18,R28,R29	4.7K-7	50-1509	4.7	KOhm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
2	R24,R43	220K-7	50-1514	220	KOhm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
1	R25	51-7	50-1524	51	Ohm Res	istor	5%	1/4	Watt C	F, SM	T 0805	5	
1	R27	10-7	50-1500	10	Ohm Res	istor	5%	1/10	Watt C	F, SM	T 0805	5	
2	R47,R13	1K-7	50-1505		KOhm Res								
1	R48	470K-7	50-1523		KOhm Res								
1	R51	150K-7	50-1526		KOhm Res				Watt C	F, SM	T 0805	5	
1	SW1	SW440083	44-0083		Touch Sw								
1	TP1	TESTP	00-0000		point, S								
3	U1,U3,U6	NJM4560/SM			60 Dual	_	_						
1	U2	NE570	72-4042	NE570	Dual C	ompre	essor/	Expan	nor			_	
	Software ECHO FX		Revised:	M	arch 28,	1997	7					Pa	age
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Quan Reference		Part	SYMAN	Description
1	U4	MN3005	72-3038	Bucket Brigade Delay
1	U5	MN3101	72-3040	Clock Driver
1	U7	4007A	72-0032	Dual CMOS Transistor Pair Plus CMOS Inverter