

9. PARTS LIST

No.	LDR PT No.	DESCRIPTION			

*** CHASSIS			***		
-CAPACITORS-					
C1	2090216004	FEED THROUGH	1000pF		300V
C2	2090216004	FEED THROUGH	1000pF		300V
C3	2090216004	FEED THROUGH	1000pF		300V
C4	2090216004	FEED THROUGH	1000pF		300V
C5	2090216004	FEED THROUGH	1000pF		300V
C6	2090216004	FEED THROUGH	1000pF		300V
C7	2090216004	FEED THROUGH	1000pF		300V
C8	2090216004	FEED THROUGH	1000pF		300V
C9	2090216004	FEED THROUGH	1000pF		300V
C10	2090216004	FEED THROUGH	1000pF		300V
C11	2090216004	FEED THROUGH	1000pF		300V
C12	2090216004	FEED THROUGH	1000pF		300V
C13	2090216004	FEED THROUGH	1000pF		300V
C14	2090216004	FEED THROUGH	1000pF		300V
C15	2090216004	FEED THROUGH	1000pF		300V
C16	2090216004	FEED THROUGH	1000pF		300V
C21	2090216004	FEED THROUGH	1000pF		300V
C22	2090216004	FEED THROUGH	1000pF		300V
C23	2090216004	FEED THROUGH	1000pF		300V
C24	2090216004	FEED THROUGH	1000pF		300V
C29	2090216004	FEED THROUGH	1000pF		300V
C30	2090216004	FEED THROUGH	1000pF		300V
C31	2090216004	FEED THROUGH	1000pF		300V
C32	2090216004	FEED THROUGH	1000pF		300V
C101	2480109008	ELECTROLYTIC	1uF	20%	50V
C102	2480109008	ELECTROLYTIC	1uF	20%	50V
C103	2480109008	ELECTROLYTIC	1uF	20%	50V
C104	2480109008	ELECTROLYTIC	1uF	20%	50V
-INTEGRATED CIRCUITS-					
IC101	3217805994	REGULATOR	7805P	+5V	1A
IC102	3217815997	REGULATOR	7815P	+15V	1A
-TRANSFORMER-					
T101	3800606007	POWER TRANSFORMER	J-606		
-SWITCH-					
S101	4020138009	PUSH	ESB-70702V	"POWER"	
-FUSES-					
F101	4363740000	TIME LAG	ST4	315mA	"200V-240V"
F101	4363755003	TIME LAG	ST4	630mA	"100V-120V"
-PC BOARD-					
	5903859000		T-3859		
-MISCELLANEOUS-					
FL101	3610054005	LINE FILTER	FN323-3/01		
J101	4310710008	CONNECTOR	BNC-BR-241		
J102	4310710008	CONNECTOR	BNC-BR-241		
	4513264005	KNOB	L26S0-G		
	4515013075	PUSH BUTTON	LIGHT GRAY		
	4515027003	KEYTOP M	DARK GRAY	"SPECIAL"	
	4515027003	KEYTOP M	DARK GRAY	"FREQ(FUNCTION)"	
	4515027003	KEYTOP M	DARK GRAY	"LEVEL(FUNCTION)"	

No.	LDR PT No.	DESCRIPTION
(CHASSIS	CONT'D)	
4515027003	KEYTOP M	DARK GRAY "MOD(FUNCTION)"
4515027003	KEYTOP M	DARK GRAY "PILOT(FUNCTION)"
4515027003	KEYTOP M	DARK GRAY "MHz"
4515027003	KEYTOP M	DARK GRAY "dBu"
4515027003	KEYTOP M	DARK GRAY "kHz"
4515027003	KEYTOP M	DARK GRAY "LOCAL"
4515028005	KEYTOP M	LIGHT GRAY "INC"
4515028005	KEYTOP M	LIGHT GRAY "DEC"
4515028005	KEYTOP M	LIGHT GRAY "WRITE"
4515028005	KEYTOP M	LIGHT GRAY "7"
4515028005	KEYTOP M	LIGHT GRAY "4"
4515028005	KEYTOP M	LIGHT GRAY "1"
4515028005	KEYTOP M	LIGHT GRAY "0"
4515028005	KEYTOP M	LIGHT GRAY "8"
4515028005	KEYTOP M	LIGHT GRAY "5"
4515028005	KEYTOP M	LIGHT GRAY "2"
4515028005	KEYTOP M	LIGHT GRAY "."
4515028005	KEYTOP M	LIGHT GRAY "9"
4515028005	KEYTOP M	LIGHT GRAY "6"
4515028005	KEYTOP M	LIGHT GRAY "3"
4515028005	KEYTOP M	LIGHT GRAY "-"
4515028005	KEYTOP M	LIGHT GRAY "ADDRESS"
4515028005	KEYTOP M	LIGHT GRAY "FREQ(MOD)"
4515028005	KEYTOP M	LIGHT GRAY "LEVEL(MOD)"
4515028005	KEYTOP M	LIGHT GRAY "A"
4515028005	KEYTOP M	LIGHT GRAY "B"
4515028005	KEYTOP M	LIGHT GRAY "C"
4515028005	KEYTOP M	LIGHT GRAY "D"
4515030002	KEYTOP M	LIGHT GRAY LED "INT"
4515030002	KEYTOP M	LIGHT GRAY LED "EXT AF"
4515030002	KEYTOP M	LIGHT GRAY LED "[EXT L.R]"
4515030002	KEYTOP M	LIGHT GRAY LED "[MOD(MOD)]"
4515030002	KEYTOP M	LIGHT GRAY LED "[PILOT (MOD)]"
4515030002	KEYTOP M	LIGHT GRAY LED "[L]"
4515030002	KEYTOP M	LIGHT GRAY LED "[R]"
4515030002	KEYTOP M	LIGHT GRAY LED "[MAIN]"
4515030002	KEYTOP M	LIGHT GRAY LED "[SUB]"
4515030002	KEYTOP M	LIGHT GRAY LED "OPTION"
4515030002	KEYTOP M	LIGHT GRAY LED "MOD ON"
4515030002	KEYTOP M	LIGHT GRAY LED "AM"
4515030002	KEYTOP M	LIGHT GRAY LED "FM"
4515030002	KEYTOP M	LIGHT GRAY LED "[PILOT ON]"
4515030002	KEYTOP M	LIGHT GRAY LED "RECALL"
4515030002	KEYTOP M	LIGHT GRAY LED "STORE"
4515035002	KEYTOP M	LIGHT GRAY V-ARROW "1.0"
4515035002	KEYTOP M	LIGHT GRAY V-ARROW "1.0"
4515035002	KEYTOP M	LIGHT GRAY V-ARROW "1.0"
4515035002	KEYTOP M	LIGHT GRAY V-ARROW "1.0"
4515036004	KEYTOP M	LIGHT GRAY H-ARROW "DIGIT"
4515036004	KEYTOP M	LIGHT GRAY H-ARROW "DIGIT"
6400477007	CORD WINDER	E-477 "DOWN/PU"
4371009003	FUSE HOLDER	FH-032(6.35X31.8)
6301376009	METAL TERMINAL	D-1376A

No.	LDR PT No.	DESCRIPTION				
*** DISPLAY BOARD			T-4090 ***			
-RESISTORS-						
R2	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R3	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R4	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R11	1000471008	CARBON FILM	470 OHM	5%	1/6W	
R34	1000471008	CARBON FILM	470 OHM	5%	1/6W	
R35	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R36	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R37	1000103009	CARBON FILM	10K OHM	5%	1/6W	
RA1	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA2	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA3	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA4	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA5	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA11	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA12	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA13	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA14	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA15	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA16	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA31	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA32	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA33	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
RA34	1532471010	RESISTER ARRAY	470 OHMX8	5%	1/8W	
-CAPACITORS-						
C1	2090016006	CERAMIC	0.1uF		50V	
C2	2090016006	CERAMIC	0.1uF		50V	
C3	2090016006	CERAMIC	0.1uF		50V	
C4	2090016006	CERAMIC	0.1uF		50V	
C5	2090016006	CERAMIC	0.1uF		50V	
C6	2090016006	CERAMIC	0.1uF		50V	
C7	2090016006	CERAMIC	0.1uF		50V	
C8	2090016006	CERAMIC	0.1uF		50V	
C11	2090016006	CERAMIC	0.1uF		50V	
C12	2090016006	CERAMIC	0.1uF		50V	
C13	2090016006	CERAMIC	0.1uF		50V	
C14	2090016006	CERAMIC	0.1uF		50V	
C15	2090016006	CERAMIC	0.1uF		50V	
C16	2090016006	CERAMIC	0.1uF		50V	
C17	2090016006	CERAMIC	0.1uF		50V	
C18	2090016006	CERAMIC	0.1uF		50V	
C19	2090016006	CERAMIC	0.1uF		50V	
C20	2090016006	CERAMIC	0.1uF		50V	
C21	2090016006	CERAMIC	0.1uF		50V	
C31	2090016006	CERAMIC	0.1uF		50V	
C32	2090016006	CERAMIC	0.1uF		50V	
C33	2090016006	CERAMIC	0.1uF		50V	
C34	2090016006	CERAMIC	0.1uF		50V	
C35	2090016006	CERAMIC	0.1uF		50V	
C36	2220101040	ELECTROLYTIC	100uF	20%	10V	
C37	2090016006	CERAMIC	0.1uF		50V	

No.	LDR PT No.	DESCRIPTION		
(T-4090 CONT'D)				
-DIODES-				
D1	3130044006	LED	LN514GK	7 SEGMENT
D2	3130044006	LED	LN514GK	7 SEGMENT
D3	3130044006	LED	LN514GK	7 SEGMENT
D4	3130044006	LED	LN514GK	7 SEGMENT
D5	3130044006	LED	LN514GK	7 SEGMENT
D11	3130044006	LED	LN514GK	7 SEGMENT
D12	3130044006	LED	LN514GK	7 SEGMENT
D13	3130044006	LED	LN514GK	7 SEGMENT
D14	3130044006	LED	LN514GK	7 SEGMENT
D15	3130044006	LED	LN514GK	7 SEGMENT
D16	3130044006	LED	LN514GK	7 SEGMENT
D17	3130087004	LED	TLG-114A	
D18	3130087004	LED	TLG-114A	
D19	3130087004	LED	TLG-114A	
D20	3130087004	LED	TLG-114A	
D21	3130087004	LED	TLG-114A	
D22	3110006004	DETECTOR	1S1588	
D23	3110006004	DETECTOR	1S1588	
D33	3130087004	LED	TLG-114A	
D34	3130087004	LED	TLG-114A	
D35	3130087004	LED	TLG-114A	
D36	3130044006	LED	LN514GK	7 SEGMENT
D37	3130044006	LED	LN514GK	7 SEGMENT
D38	3130044006	LED	LN514GK	7 SEGMENT
D39	3130044006	LED	LN514GK	7 SEGMENT
D40	3110006004	DETECTOR	1S1588	
D41	3110006004	DETECTOR	1S1588	
-INTEGRATED CIRCUITS-				
IC1	3320011990	CMOS	4511B	
IC2	3320011990	CMOS	4511B	
IC3	3320011990	CMOS	4511B	
IC4	3320011990	CMOS	4511B	
IC5	3320011990	CMOS	4511B	
IC6	3320015998	CMOS	4515B	
IC7	3310094993	CMOS	4094B	
IC8	3310094993	CMOS	4094B	
IC11	3320011990	CMOS	4511B	
IC12	3320011990	CMOS	4511B	
IC13	3320011990	CMOS	4511B	
IC14	3320011990	CMOS	4511B	
IC15	3320011990	CMOS	4511B	
IC16	3320011990	CMOS	4511B	
IC17	3420374004	CMOS	TC74HC374P	
IC18	3420374004	CMOS	TC74HC374P	
IC19	3420374004	CMOS	TC74HC374P	
IC20	3420374004	CMOS	TC74HC374P	
IC21	3420138002	CMOS	TC74HC138P	
IC31	3320011990	CMOS	4511B	
IC32	3320011990	CMOS	4511B	
IC33	3320011990	CMOS	4511B	
IC34	3320011990	CMOS	4511B	
IC35	3350166000	MOS	TC40H166P	
IC36	3420374004	CMOS	TC74HC374P	

No.	LDR PT No.	DESCRIPTION				
*** CONTROL BOARD			T-4091 ***			
-RESISTORS-						
R1	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R2	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R3	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R4	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R5	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R6	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R7	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R8	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R9	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R10	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R11	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R12	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R13	1000104001	CARBON FILM	100K OHM	5%	1/6W	
R14	1000104001	CARBON FILM	100K OHM	5%	1/6W	
R15	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R16	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R17	1000271000	CARBON FILM	270 OHM	5%	1/6W	
R18	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R19	1000103009	CARBON FILM	10K OHM	5%	1/6W	
RA1	1515103116	RESISTOR ARRAY	10K OHMX8	5%	1/8W	
RA2	1515104118	RESISTOR ARRAY	100K OHMX8	5%	1/8W	
RA3	1515473119	RESISTOR ARRAY	47K OHMX8	5%	1/8W	
-CAPACITORS-						
C1	2090016006	CERAMIC	0.1uF		50V	
C2	2090016006	CERAMIC	0.1uF		50V	
C3	2090016006	CERAMIC	0.1uF		50V	
C4	2090016006	CERAMIC	0.1uF		50V	
C11	2010103014	CERAMIC	0.01uF		50V	
C12	2010103014	CERAMIC	0.01uF		50V	
C13	2090016006	CERAMIC	0.1uF		50V	
C14	2610104023	METAL FILM	0.1uF	5%	63V	
C15	2610104023	METAL FILM	0.1uF	5%	63V	
-TRANSISTORS-						
Q1	3011015012	PNP	2SA1015-Y			
Q2	3011015012	PNP	2SA1015-Y			
Q3	3011015012	PNP	2SA1015-Y			
Q4	3011015012	PNP	2SA1015-Y			
Q5	3011015012	PNP	2SA1015-Y			
Q6	3011015012	PNP	2SA1015-Y			
Q7	3011015012	PNP	2SA1015-Y			
Q8	3011015012	PNP	2SA1015-Y			
-DIODES-						
D1	3130086002	LED	PG5553KY(GREEN)			
D2	3130086002	LED	PG5553KY(GREEN)			
D3	3130084008	LED	BR5553K (RED)			
D4	3130084008	LED	BR5553K (RED)			
D5	3130086002	LED	PG5553KY(GREEN)			

No.	LDR PT No.	DESCRIPTION
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(T-4091 CONT'D)

-INTEGRATED CIRCUITS-

IC1	3320032998	CMOS	4532B
IC2	3320032998	CMOS	4532B
IC3	3310066998	CMOS	4066B
IC11	3440038002	CMOS	TC74HC4538P

-SWITCHES-

S1	4021019007	TACTILE	JPG1990-0101	"LOCAL"
S2	4021018005	TACTILE	JPG2990-0103	"[MOD]"
S3	4021018005	TACTILE	JPG2990-0103	"[PILOT]"
S4	4021019007	TACTILE	JPG1990-0101	"1.0 UP"
S5	4021018005	TACTILE	JPG2990-0103	"MOD ON"
S6	4021019007	TACTILE	JPG1990-0101	"INC"
S7	4021018005	TACTILE	JPG2990-0103	"RECALL"
S8	4021019007	TACTILE	JPG1990-0101	"FREQ"
S9	4021018005	TACTILE	JPG2990-0103	"INT"
S10	4021018005	TACTILE	JPG2990-0103	"OPTION"
S11	4021019007	TACTILE	JPG1990-0101	"0.1 UP"
S12	4021018005	TACTILE	JPG2990-0103	"AM"
S13	4021018005	TACTILE	JPG2990-0103	"STORE"
S14	4021019007	TACTILE	JPG1990-0101	"LEVEL"
S15	4021018005	TACTILE	JPG2990-0103	"EXT AF"
S16	4021018005	TACTILE	JPG2990-0103	"[L]"
S17	4021018005	TACTILE	JPG2990-0103	"[R]"
S18	4021019007	TACTILE	JPG1990-0101	"1.0 DOWN"
S19	4021018005	TACTILE	JPG2990-0103	"FM"
S20	4021019007	TACTILE	JPG1990-0101	"WRITE"
S21	4021019007	TACTILE	JPG1990-0101	"MOD"
S22	4021018005	TACTILE	JPG2990-0103	"[EXT L.R]"
S23	4021018005	TACTILE	JPG2990-0103	"[MAIN]"
S24	4021018005	TACTILE	JPG2990-0103	"[SUB]"
S25	4021019007	TACTILE	JPG1990-0101	"0.1 DOWN"
S26	4021018005	TACTILE	JPG2990-0103	"[PILOT ON]"
S27	4021019007	TACTILE	JPG1990-0101	"DEC"
S28	4021019007	TACTILE	JPG1990-0101	"SPECIAL"
S29	4021019007	TACTILE	JPG1990-0101	"PILOT"
S30	4021019007	TACTILE	JPG1990-0101	"7"
S31	4021019007	TACTILE	JPG1990-0101	"8"
S32	4021019007	TACTILE	JPG1990-0101	"9"
S33	4021019007	TACTILE	JPG1990-0101	"FREQ"
S34	4021019007	TACTILE	JPG1990-0101	"A"
S35	4021019007	TACTILE	JPG1990-0101	"B"
S36	4021019007	TACTILE	JPG1990-0101	"4"
S37	4021019007	TACTILE	JPG1990-0101	"5"
S38	4021019007	TACTILE	JPG1990-0101	"6"
S39	4021019007	TACTILE	JPG1990-0101	"DIGIT LEFT"
S40	4021019007	TACTILE	JPG1990-0101	"LEVEL"
S41	4021019007	TACTILE	JPG1990-0101	"C"
S42	4021019007	TACTILE	JPG1990-0101	"D"
S43	4021019007	TACTILE	JPG1990-0101	"1"
S44	4021019007	TACTILE	JPG1990-0101	"2"
S45	4021019007	TACTILE	JPG1990-0101	"3"
S46	4021019007	TACTILE	JPG1990-0101	"DIGIT RIGHT"
S47	4021019007	TACTILE	JPG1990-0101	"MHz"
S48	4021019007	TACTILE	JPG1990-0101	"0"
S49	4021019007	TACTILE	JPG1990-0101	"."

No.	LDR PT No.	DESCRIPTION
(T-4091	CONT'D)	
S50	4021019007	TACTILE JPG1990-0101 "-"
S51	4021019007	TACTILE JPG1990-0101 "dBu"
S52	4021019007	TACTILE JPG1990-0101 "kHz"
S53	4021019007	TACTILE JPG1990-0101 "x"
S54	4070400010	INCREMENTAL ENCODER EC16B 25P "DOWN/UP"

*** MAIN BOARD

T-4087 ***

-RESISTORS-

R2	1000272002	CARBON FILM	2.7K OHM	5%	1/6W
R3	1010479001	CARBON FILM	4.7 OHM	5%	1/4W
R4	1000103009	CARBON FILM	10K OHM	5%	1/6W
R5	1000272002	CARBON FILM	2.7K OHM	5%	1/6W
R6	1000223009	CARBON FILM	22K OHM	5%	1/6W
R7	1000272002	CARBON FILM	2.7K OHM	5%	1/6W
R8	1000223009	CARBON FILM	22K OHM	5%	1/6W
R9	1000272002	CARBON FILM	2.7K OHM	5%	1/6W
R10	1000223009	CARBON FILM	22K OHM	5%	1/6W
R11	1000103009	CARBON FILM	10K OHM	5%	1/6W
R51	1353872003	METAL FILM	38.7K OHM	1%	1/8W
R52	1351592005	METAL FILM	15.92K OHM	1%	1/4W
R54	1353872003	METAL FILM	38.7K OHM	1%	1/8W
R55	1351592005	METAL FILM	15.92K OHM	1%	1/4W
R57	1000103009	CARBON FILM	10K OHM	5%	1/6W
R58	1000562001	CARBON FILM	5.6K OHM	5%	1/6W
R59	1000104001	CARBON FILM	100K OHM	5%	1/6W
R60	1000473002	CARBON FILM	47K OHM	5%	1/6W
R61	1000223009	CARBON FILM	22K OHM	5%	1/6W
R62	1000152002	CARBON FILM	1.5K OHM	5%	1/6W
R63	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R64	1000223009	CARBON FILM	22K OHM	5%	1/6W
R65	1000223009	CARBON FILM	22K OHM	5%	1/6W
R66	1000101005	CARBON FILM	100 OHM	5%	1/6W
R67	1000152002	CARBON FILM	1.5K OHM	5%	1/6W
R68	1000223009	CARBON FILM	22K OHM	5%	1/6W
R69	1000101005	CARBON FILM	100 OHM	5%	1/6W
R70	1000104001	CARBON FILM	100K OHM	5%	1/6W
R71	1000564005	CARBON FILM	560K OHM	5%	1/6W
R72	1000103009	CARBON FILM	10K OHM	5%	1/6W
R73	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R74	1000101005	CARBON FILM	100 OHM	5%	1/6W
R75	1000103009	CARBON FILM	10K OHM	5%	1/6W
R101	1000103009	CARBON FILM	10K OHM	5%	1/6W
R102	1000332004	CARBON FILM	3.3K OHM	5%	1/6W
R103	1000103009	CARBON FILM	10K OHM	5%	1/6W
R104	1000822001	CARBON FILM	8.2K OHM	5%	1/6W
R105	1465102001	METAL FILM	51K OHM	1%	1/6W
R106	1465102001	METAL FILM	51K OHM	1%	1/6W
R111	1000103009	CARBON FILM	10K OHM	5%	1/6W
R112	1466201009	METAL FILM	6.2K OHM	1%	1/6W
R113	1461000009	METAL FILM	100 OHM	1%	1/6W
R114	1463001003	METAL FILM	3K OHM	1%	1/6W
R115	1000473002	CARBON FILM	47K OHM	5%	1/6W
R116	1000473002	CARBON FILM	47K OHM	5%	1/6W
R117	1000104001	CARBON FILM	100K OHM	5%	1/6W

No.	LDR PT No.	DESCRIPTION				
(T-4087 CONT'D)						
R118	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R119	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R120	1000104001	CARBON FILM	100K OHM	5%	1/6W	
R121	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R122	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R123	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R124	1000822001	CARBON FILM	8.2K OHM	5%	1/6W	
R127	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R128	1000105003	CARBON FILM	1M OHM	5%	1/6W	
R129	1000105003	CARBON FILM	1M OHM	5%	1/6W	
R152	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R153	1000330000	CARBON FILM	33 OHM	5%	1/6W	
R154	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R155	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R156	1000821009	CARBON FILM	820 OHM	5%	1/6W	
R157	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R158	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R159	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R160	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R161	1000563003	CARBON FILM	56K OHM	5%	1/6W	
R162	1000153004	CARBON FILM	15K OHM	5%	1/6W	
R163	1000153004	CARBON FILM	15K OHM	5%	1/6W	
R164	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R165	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R166	1000183003	CARBON FILM	18K OHM	5%	1/6W	
R167	1000330000	CARBON FILM	33 OHM	5%	1/6W	
R168	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R170	1000101005	CARBON FILM	100 OHM	5%	1/6W	
RA1	1515472117	RESISTOR ARRAY	4.7K OHMX9	5%	1/8W	
RA2	1511472113	RESISTOR ARRAY	4.7K OHMX5	5%	1/8W	
RA3	1532103011	RESISTOR ARRAY	10K OHMX8	10%	1/8W	
RA4	1515104118	RESISTOR ARRAY	100K OHMX8	5%	1/8W	
RA5	1511103112	RESISTOR ARRAY	10K OHMX5	5%	1/8W	
RA6	1511472113	RESISTOR ARRAY	4.7K OHMX5	5%	1/8W	
-VARIABLE RESISTORS-						
VR51	1711004079	METAL GLAZE	10K OHM	20%	1/3W	
VR52	1711004042	METAL GLAZE	1K OHM	20%	1/3W	
VR101	1711004125	METAL GLAZE	5K OHM	20%	1/3W	
VR151	1711004042	METAL GLAZE	1K OHM	20%	1/3W	
VR152	1711004042	METAL GLAZE	1K OHM	20%	1/3W	
VR153	1711004079	METAL GLAZE	10K OHM	20%	1/3W	
VR154	1711004088	METAL GLAZE	20K OHM	20%	1/3W	
-CAPACITORS-						
C1	2090016006	CERAMIC	0.1uF		50V	
C2	2090016006	CERAMIC	0.1uF		50V	
C3	2090016006	CERAMIC	0.1uF		50V	
C4	2090016006	CERAMIC	0.1uF		50V	
C6	2090016006	CERAMIC	0.1uF		50V	
C7	2090016006	CERAMIC	0.1uF		50V	
C8	2250229047	ELECTROLYTIC	2.2uF	20%	50V	
C12	2090016006	CERAMIC	0.1uF		50V	
C51	2192023003	PLASTIC FILM	0.01uF	1%	100V	
C52	2090016006	CERAMIC	0.1uF		50V	
C53	2090016006	CERAMIC	0.1uF		50V	
C54	2192023003	PLASTIC FILM	0.01uF	1%	100V	

No.	LDR PT No.	DESCRIPTION			
(T-4087	CONT'D)				
C57	2090016006	CERAMIC	0.1uF		50V
C58	2240220042	ELECTROLYTIC	22uF	20%	25V
C59	2240220042	ELECTROLYTIC	22uF	20%	25V
C60	2240220042	ELECTROLYTIC	22uF	20%	25V
C61	2240220042	ELECTROLYTIC	22uF	20%	25V
C62	2240220042	ELECTROLYTIC	22uF	20%	25V
C63	2090016006	CERAMIC	0.1uF		50V
C64	2250109047	ELECTROLYTIC	1uF	20%	50V
C65	2240100042	ELECTROLYTIC	10uF	20%	25V
C66	2320027042	ELECTROLYTIC	10uF	20%	16V
C67	2240470045	ELECTROLYTIC	47uF	20%	25V
C70	2220470041	ELECTROLYTIC	47uF	20%	10V
C71	2090016006	CERAMIC	0.1uF		50V
C72	2090016006	CERAMIC	0.1uF		50V
C74	2090016006	CERAMIC	0.1uF		50V
C101	2320060040	ELECTROLYTIC	330uF	20%	16V
C102	2090016006	CERAMIC	0.1uF		50V
C103	2090016006	CERAMIC	0.1uF		50V
C104	2090016006	CERAMIC	0.1uF		50V
C105	2090016006	CERAMIC	0.1uF		50V
C115	2090016006	CERAMIC	0.1uF		50V
C116	2090016006	CERAMIC	0.1uF		50V
C117	2240100042	ELECTROLYTIC	10uF	20%	25V
C118	2240100042	ELECTROLYTIC	10uF	20%	25V
C121	2250229047	ELECTROLYTIC	2.2uF	20%	50V
C122	2250229047	ELECTROLYTIC	2.2uF	20%	50V
C123	2090016006	CERAMIC	0.1uF		50V
C152	2090016006	CERAMIC	0.1uF		50V
C153	2120330001	MICA	33pF	10%	500V
C155	2090016006	CERAMIC	0.1uF		50V
C156	2090016006	CERAMIC	0.1uF		50V
C157	2090016006	CERAMIC	0.1uF		50V
C158	2090016006	CERAMIC	0.1uF		50V
C159	2240100042	ELECTROLYTIC	10uF	20%	25V
C160	2240100042	ELECTROLYTIC	10uF	20%	25V
C161	2090016006	CERAMIC	0.1uF		50V
C162	2090016006	CERAMIC	0.1uF		50V
C163	2120330001	MICA	33pF	10%	500V
C201	2330087010	ELECTROLYTIC	4700uF	20%	25V
C202	2250109047	ELECTROLYTIC	1uF	20%	50V
C203	2220101040	ELECTROLYTIC	100uF	20%	10V
C204	2250109047	ELECTROLYTIC	1uF	20%	50V
C205	2220101040	ELECTROLYTIC	100uF	20%	10V
C206	2330079002	ELECTROLYTIC	2200uF	20%	350V
C207	2250109047	ELECTROLYTIC	1uF	20%	50V
C208	2240101044	ELECTROLYTIC	100uF	20%	25V
C209	2330079002	ELECTROLYTIC	2200uF	20%	350V
C210	2250109047	ELECTROLYTIC	1uF	20%	50V
C211	2240101044	ELECTROLYTIC	100uF	20%	25V
-TRANSISTORS-					
Q1	3011015012	PNP	2SA1015-Y		
Q2	3011015012	PNP	2SA1015-Y		
Q3	3011015012	PNP	2SA1015-Y		
Q8	3011015012	PNP	2SA1015-Y		
Q9	3011356018	PNP	2SA1356-Y		
Q51	3031815018	NPN	2SC1815-Y		

No.	LDR PT No.	DESCRIPTION		
(T-4087	CONT'D)			
Q52	3050030001	FET		2SK30A-GR
Q53	3011015012	PNP		2SA1015-Y
-DIODES-				
D3	3110072007	DETECTOR	DUAL	MC931
D4	3110072007	DETECTOR	DUAL	MC931
D5	3110006004	DETECTOR		1S1588
D51	3110006004	DETECTOR		1S1588
D52	3110006004	DETECTOR		1S1588
D53	3110006004	DETECTOR		1S1588
D54	3110006004	DETECTOR		1S1588
D55	3110006004	DETECTOR		1S1588
D56	3120057008	ZENER		RD5.6EB 5.6V
D101	3110006004	DETECTOR		1S1588
D102	3110006004	DETECTOR		1S1588
D103	3120024003	ZENER		RD5.1EB 5.1V
D104	3120024003	ZENER		RD5.1EB 5.1V
D105	3110006004	DETECTOR		1S1588
D106	3110006004	DETECTOR		1S1588
D107	3110006004	DETECTOR		1S1588
D108	3110006004	DETECTOR		1S1588
D109	3120058000	ZENER		RD4.7EB 4.7V
D110	3120058000	ZENER		RD4.7EB 4.7V
D111	3110006004	DETECTOR		1S1588
D112	3110006004	DETECTOR		1S1588
D201	3110062004	BRIDGE RECTIFIER		KBU4D
D202	3110062004	BRIDGE RECTIFIER		KBU4D
D203	3110019003	RECTIFIER		1DZ61
D204	3110019003	RECTIFIER		1DZ61
D205	3110019003	RECTIFIER		1DZ61
D206	3110019003	RECTIFIER		1DZ61
-INTEGRATED CIRCUITS-				
IC1	3420042009	CMOS		TC74HC42P
IC2	3420004001	CMOS		TC74HC04P
IC3	3420004001	CMOS		TC74HC04P
IC4	3420004001	CMOS		TC74HC04P
IC5	3310019999	CMOS		4019B
IC6	3350166000	MOS		TC40H166P
IC7	3310094993	CMOS		4094B
IC9	3260005995	TTL		74LS05
IC51	3310052997	CMOS		4052B
IC52	3220065005	OP AMP		TL072C
IC53	3310094993	CMOS		4094B
IC54	3310094993	CMOS		4094B
IC55	3310094993	CMOS		4094B
IC56	3310094993	CMOS		4094B
IC57	3320004003	CMOS		MC14504BP
IC101	3220065005	OP AMP		TL072C
IC102	3310052997	CMOS		4052B
IC105	3220065005	OP AMP		TL072C
IC106	3210393005	COMPARATOR		LM393N
IC107	3320038990	CMOS		4538B
IC108	3310107996	CMOS		40107B
IC152	3310052997	CMOS		4052B
IC153	3220051004	OP AMP		TL 071 CP
IC154	3220065005	OP AMP		TL072C

No.	LDR PT No.	DESCRIPTION			
(T-4087	CONT'D)				
IC155	3330083011	D/A CONVERTER	MP7523		
IC202	3217805994	REGULATOR	7805P	+5V	1A
IC204	3217915991	REGULATOR	7915P	-15V	1A
-MISCELLANEOUS-					
P9	4332207005	PIN JACK	1811P382		

*** STEREO BOARD [3216 ONLY] T-4088 ***

-RESISTORS-

R1	1000103009	CARBON FILM	10K OHM	5%	1/6W
R2	1000332004	CARBON FILM	3.3K OHM	5%	1/6W
R5	1461002003	METAL FILM	10K OHM	1%	1/6W
R6	1465601009	METAL FILM	5.6K OHM	1%	1/6W
R11	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R12	1461002003	METAL FILM	10K OHM	1%	1/6W
R13	1463901009	METAL FILM	3.9K OHM	1%	1/6W
R14	1000332004	CARBON FILM	3.3K OHM	5%	1/6W
R15	1461002003	METAL FILM	10K OHM	1%	1/6W
R16	1461002003	METAL FILM	10K OHM	1%	1/6W
R17	1464701007	METAL FILM	4.7K OHM	1%	1/6W
R51	1461002003	METAL FILM	10K OHM	1%	1/6W
R52	1461002003	METAL FILM	10K OHM	1%	1/6W
R53	1468201001	METAL FILM	8.2K OHM	1%	1/6W
R54	1461002003	METAL FILM	10K OHM	1%	1/6W
R55	1461002003	METAL FILM	10K OHM	1%	1/6W
R56	1000152002	CARBON FILM	1.5K OHM	5%	1/6W
R57	1461002003	METAL FILM	10K OHM	1%	1/6W
R58	1461002003	METAL FILM	10K OHM	1%	1/6W
R59	1468201001	METAL FILM	8.2K OHM	1%	1/6W
R60	1461002003	METAL FILM	10K OHM	1%	1/6W
R61	1462401003	METAL FILM	2.4K OHM	1%	1/6W
R62	1461002003	METAL FILM	10K OHM	1%	1/6W
R101	1000223009	CARBON FILM	22K OHM	5%	1/6W
R102	1000223009	CARBON FILM	22K OHM	5%	1/6W
R103	1000471008	CARBON FILM	470 OHM	5%	1/6W
R104	1000471008	CARBON FILM	470 OHM	5%	1/6W
R105	1000221005	CARBON FILM	220 OHM	5%	1/6W
R106	1000221005	CARBON FILM	220 OHM	5%	1/6W
R107	1000563003	CARBON FILM	56K OHM	5%	1/6W
R108	1000471008	CARBON FILM	470 OHM	5%	1/6W
R109	1465103003	METAL FILM	510K OHM	1%	1/6W
R110	1461803007	METAL FILM	180K OHM	1%	1/6W
R111	1461203003	METAL FILM	120K OHM	1%	1/6W
R112	1461003005	METAL FILM	100K OHM	1%	1/6W
R113	1461003005	METAL FILM	100K OHM	1%	1/6W
R114	1461203003	METAL FILM	120K OHM	1%	1/6W
R115	1461803007	METAL FILM	180K OHM	1%	1/6W
R116	1465103003	METAL FILM	510K OHM	1%	1/6W
R117	1000273004	CARBON FILM	27K OHM	5%	1/6W
R118	1462200003	METAL FILM	220 OHM	1%	1/6W
R119	1462200003	METAL FILM	220 OHM	1%	1/6W
R120	1000103009	CARBON FILM	10K OHM	5%	1/6W
R121	1000103009	CARBON FILM	10K OHM	5%	1/6W

No.	LDR PT No.	DESCRIPTION				
(T-4088 CONT'D)						
R122	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R123	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R124	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R125	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R126	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R127	1326000003	METAL FILM	600 OHM	1%	1/4W	
R128	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R129	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R130	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R131	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R132	1000330000	CARBON FILM	33 OHM	5%	1/6W	
R151	1461302005	METAL FILM	13K OHM	1%	1/6W	
R152	1461302005	METAL FILM	13K OHM	1%	1/6W	
R154	1461302005	METAL FILM	13K OHM	1%	1/6W	
R155	1469101003	METAL FILM	9.1K OHM	1%	1/6W	
R157	1462002009	METAL FILM	20K OHM	1%	1/6W	
R158	1462002009	METAL FILM	20K OHM	1%	1/6W	
R159	1462002009	METAL FILM	20K OHM	1%	1/6W	
R160	1462002009	METAL FILM	20K OHM	1%	1/6W	
R161	1000474004	CARBON FILM	470K OHM	5%	1/6W	
R162	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R163	1000473002	CARBON FILM	47K OHM	5%	1/6W	
R201	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R202	1000123005	CARBON FILM	12K OHM	5%	1/6W	
R203	1000472000	CARBON FILM	4.7K OHM	5%	1/6W	
R204	1000183003	CARBON FILM	18K OHM	5%	1/6W	
R205	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R206	1461001001	METAL FILM	1K OHM	1%	1/6W	
R207	1461101005	METAL FILM	1.1K OHM	1%	1/6W	
R208	1461102007	METAL FILM	11K OHM	1%	1/6W	
R209	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R210	1000562001	CARBON FILM	5.6K OHM	5%	1/6W	
R211	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R217	1326000003	METAL FILM	600 OHM	1%	1/4W	
RA1	1511103112	RESISTOR ARRAY	10K OHMX5	5%	1/8W	
-VARIABLE RESISTORS-						
VR2	1711004051	METAL GLAZE	2K OHM	20%	1/3W	
VR51	1711004125	METAL GLAZE	5K OHM	20%	1/3W	
VR52	1711004060	METAL GLAZE	3K OHM	20%	1/3W	
VR53	1711004125	METAL GLAZE	5K OHM	20%	1/3W	
VR54	1711004015	METAL GLAZE	200 OHM	20%	1/3W	
VR56	1711004097	METAL GLAZE	50K OHM	20%	1/3W	
VR101	1712011009	METAL GLAZE	22K OHM	25%	1/2W	
VR102	1712011009	METAL GLAZE	22K OHM	25%	1/2W	
VR103	1711004088	METAL GLAZE	20K OHM	20%	1/3W	
VR151	1711004042	METAL GLAZE	1K OHM	20%	1/3W	
VR152	1711004152	METAL GLAZE	30K OHM	20%	1/3W	
-CAPACITORS-						
C1	2240101044	ELECTROLYTIC	100uF	20%	25V	
C2	2220101040	ELECTROLYTIC	100uF	20%	10V	
C3	2240101044	ELECTROLYTIC	100uF	20%	25V	
C4	2240470045	ELECTROLYTIC	47uF	20%	25V	
C5	2230470048	ELECTROLYTIC	47uF	20%	16V	
C6	2320060040	ELECTROLYTIC	330uF	20%	16V	
C7	2090016006	CERAMIC	0.1uF		50V	

No.	LDR PT No.	DESCRIPTION			
(T-4088	CONT'D)				
C8	2090016006	CERAMIC	0.1uF		50V
C13	2110101009	MICA	100pF	10%	50V
C14	2090016006	CERAMIC	0.1uF		50V
C15	2090016006	CERAMIC	0.1uF		50V
C20	2090016006	CERAMIC	0.1uF		50V
C21	2090016006	CERAMIC	0.1uF		50V
C22	2090016006	CERAMIC	0.1uF		50V
C23	2090016006	CERAMIC	0.1uF		50V
C24	2090016006	CERAMIC	0.1uF		50V
C25	2090016006	CERAMIC	0.1uF		50V
C51	2090016006	CERAMIC	0.1uF		50V
C52	2090016006	CERAMIC	0.1uF		50V
C53	2090016006	CERAMIC	0.1uF		50V
C54	2090016006	CERAMIC	0.1uF		50V
C55	2090016006	CERAMIC	0.1uF		50V
C56	2090016006	CERAMIC	0.1uF		50V
C57	2090016006	CERAMIC	0.1uF		50V
C58	2090016006	CERAMIC	0.1uF		50V
C59	2200101000	PLASTIC FILM	100pF	5%	100V
C62	2320017049	ELECTROLYTIC	100uF	20%	16V
C63	2320017049	ELECTROLYTIC	100uF	20%	16V
C101	2220101040	ELECTROLYTIC	100uF	20%	10V
C102	2090016006	CERAMIC	0.1uF		50V
C103	2090016006	CERAMIC	0.1uF		50V
C104	2120270009	MICA	27pF	10%	500V
C105	2200471003	PLASTIC FILM	470pF	5%	100V
C106	2200471003	PLASTIC FILM	470pF	5%	100V
C107	2010102012	CERAMIC	1000pF	10%	50V
C108	2090016006	CERAMIC	0.1uF		50V
C109	2090016006	CERAMIC	0.1uF		50V
C110	2120100004	MICA	10pF	10%	500V
C111	2090016006	CERAMIC	0.1uF		50V
C112	2090016006	CERAMIC	0.1uF		50V
C113	2140473016	PLASTIC FILM	0.047uF	10%	50V
C115	2140683017	PLASTIC FILM	0.068uF	10%	50V
C117	2140473016	PLASTIC FILM	0.047uF	10%	50V
C120	2200821004	PLASTIC FILM	820pF	5%	100V
C121	2090016006	CERAMIC	0.1uF		50V
C122	2090016006	CERAMIC	0.1uF		50V
C123	2120220004	MICA	22pF	10%	500V
C124	2200821004	PLASTIC FILM	820pF	5%	100V
C125	2320023044	ELECTROLYTIC	10uF	20%	25V
C126	2200471003	PLASTIC FILM	470pF	5%	100V
C127	2120220004	MICA	22pF	10%	500V
C128	2320029046	ELECTROLYTIC	22uF	20%	25V
C129	2090016006	CERAMIC	0.1uF		50V
C130	2120330001	MICA	33pF	10%	500V
C131	2090016006	CERAMIC	0.1uF		50V
C132	2090016006	CERAMIC	0.1uF		50V
C151	2090016006	CERAMIC	0.1uF		50V
C152	2090016006	CERAMIC	0.1uF		50V
C153	2090016006	CERAMIC	0.1uF		50V
C154	2090016006	CERAMIC	0.1uF		50V
C155	2090016006	CERAMIC	0.1uF		50V
C156	2090016006	CERAMIC	0.1uF		50V
C157	2090016006	CERAMIC	0.1uF		50V
C158	2090016006	CERAMIC	0.1uF		50V

BP

No.	LDR PT No.	DESCRIPTION			

(T-4088	CONT'D)				
C159	2090016006	CERAMIC	0.1uF		50V
C160	2090016006	CERAMIC	0.1uF		50V
C161	2090016006	CERAMIC	0.1uF		50V
C162	2090016006	CERAMIC	0.1uF		50V
C163	2090016006	CERAMIC	0.1uF		50V
C164	2220220048	ELECTROLYTIC	22uF	20%	10V
C165	2220220048	ELECTROLYTIC	22uF	20%	10V
C166	2120100004	MICA	10pF	10%	500V
C202	2200471003	PLASTIC FILM	470pF	5%	100V
C203	2200471003	PLASTIC FILM	470pF	5%	100V
C204	2200182006	PLASTIC FILM	1800pF	5%	100V
C205	2200471003	PLASTIC FILM	470pF	5%	100V
C206	2200272007	PLASTIC FILM	2700pF	5%	100V
C208	2200182006	PLASTIC FILM	1800pF	5%	100V
C210	2200471003	PLASTIC FILM	470pF	5%	100V
C213	2090016006	CERAMIC	0.1uF		50V
C214	2090016006	CERAMIC	0.1uF		50V
-VARIABLE CAPACITOR-					
VC101	2910018006	CERAMIC	2.8-10pF	250V	
-TRANSISTORS-					
Q1	3011015012	PNP	2SA1015-Y		
Q101	3031815018	NPN	2SC1815-Y		
Q102	3011015012	PNP	2SA1015-Y		
Q103	3031815018	NPN	2SC1815-Y		
-DIODES-					
D1	3110006004	DETECTOR	1S1588		
D2	3110006004	DETECTOR	1S1588		
D3	3120024003	ZENER	RD5.1EB	5.1V	
D4	3120024003	ZENER	RD5.1EB	5.1V	
D5	3120057008	ZENER	RD5.6EB	5.6V	
-INTEGRATED CIRCUITS-					
IC1	3220051004	OP AMP	TL 071 CP		
IC4	3220094002	OP AMP	TL074CN		
IC5	3310052997	CMOS	4052B		
IC6	3310094993	CMOS	4094B		
IC7	3310094993	CMOS	4094B		
IC8	3310094993	CMOS	4094B		
IC9	3320004003	CMOS	MC14504BP		
IC51	3310052997	CMOS	4052B		
IC52	3310052997	CMOS	4052B		
IC53	3220094002	OP AMP	TL074CN		
IC54	3220094002	OP AMP	TL074CN		
IC101	3420393008	CMOS	TC74HC393P		
IC102	3420164003	CMOS	TC74HC164P		
IC103	3220051004	OP AMP	TL 071 CP		
IC104	3220094002	OP AMP	TL074CN		
IC105	3330083011	D/A CONVERTER	MP7523		
IC106	3310052997	CMOS	4052B		
IC151	3220086003	OP AMP	NE5532		
IC152	3220144001	SWITCH	TL191CN		
IC153	3220144001	SWITCH	TL191CN		
IC154	3420004001	CMOS	TC74HC04P		
IC155	3420008009	CMOS	TC74HC08P		

No.	LDR PT No.	DESCRIPTION	
(T-4088	CONT'D)		
IC156	3420157006	CMOS	TC74HC157P
IC157	3220065005	OP AMP	TL072C
IC201	3220065005	OP AMP	TL072C
-COILS-			
L101	3970152010	EL.	1.5mA 10%
L102	3970152010	EL	1.5mA 10%
L201	3900813019	COIL	L-813-1
L202	3900813028	COIL	L-813-2
L203	3900813028	COIL	L-813-2
L204	3900813019	COIL	L-813-1
-MISCELLANEOUS-			
X101	3500533002	CRYSTAL	NC-18C 4.86400MHz

*** CPU BOARD

T-4092 ***

-RESISTORS-

R1	1000103009	CARBON FILM	10K OHM	5%	1/6W
R2	1000103009	CARBON FILM	10K OHM	5%	1/6W
R3	1000103009	CARBON FILM	10K OHM	5%	1/6W
R4	1000102007	CARBON FILM	1K OHM	5%	1/6W
R5	1000473002	CARBON FILM	47K OHM	5%	1/6W
R6	1000102007	CARBON FILM	1K OHM	5%	1/6W
R7	1000221005	CARBON FILM	220 OHM	5%	1/6W
R8	1000271000	CARBON FILM	270 OHM	5%	1/6W
R9	1000391000	CARBON FILM	390 OHM	5%	1/6W
R10	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R11	1000271000	CARBON FILM	270 OHM	5%	1/6W
R12	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R16	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R17	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
RA1	1515472117	RESISTOR ARRAY	4.7K OHMX9	5%	1/8W
RA2	1515472117	RESISTOR ARRAY	4.7K OHMX9	5%	1/8W
RA3	1511472113	RESISTOR ARRAY	4.7K OHMX5	5%	1/8W

-CAPACITORS-

C1	2090016006	CERAMIC	0.1uF		50V
C2	2120220004	MICA	22pF	10%	500V
C3	2120220004	MICA	22pF	10%	500V
C4	2090016006	CERAMIC	0.1uF		50V
C5	2240479043	ELECTROLYTIC	4.7uF	20%	25V
C6	2090016006	CERAMIC	0.1uF		50V
C7	2090016006	CERAMIC	0.1uF		50V
C8	2090016006	CERAMIC	0.1uF		50V
C9	2090016006	CERAMIC	0.1uF		50V
C10	2440100002	ELECTROLYTIC	10uF	20%	16V
C11	2090016006	CERAMIC	0.1uF		50V
C12	2220221040	ELECTROLYTIC	220uF	20%	10V
C13	2090016006	CERAMIC	0.1uF		50V
C14	2090016006	CERAMIC	0.1uF		50V
C15	2090016006	CERAMIC	0.1uF		50V
C16	2220101040	ELECTROLYTIC	100uF	20%	10V
C21	2090016006	CERAMIC	0.1uF		50V
C22	2090016006	CERAMIC	0.1uF		50V

No.	LDR PT No.	DESCRIPTION		
(T-4092	CONT'D)			
C23	2090016006	CERAMIC	0.1uF	50V
C25	2090016006	CERAMIC	0.1uF	50V
-TRANSISTORS-				
Q1	3011015012	PNP	2SA1015-Y	
Q2	3031815018	NPN	2SC1815-Y	
-DIODES-				
D1	3120067001	ZENER	RD3.0EB	3V
D2	3110006004	DETECTOR	1S1588	
D3	3110019003	RECTIFIER	1DZ61	
-INTEGRATED CIRCUITS-				
IC1	3330039009	CMOS-RAM	HD6303RP	
IC2	3330041006	POR	TL7705CP-B	
IC3	3350138005	MOS	TC40H138P	
IC4	3350138005	MOS	TC40H138P	
IC5	3350010009	MOS	TC40H010P	
IC6	3350000006	MOS	TC40H000P	
IC7	3330089994	CMOS-EPROM	27C128 250nSEC	
IC9	3330024996	CMOS-RAM	2kX8 150n	
IC10	3350032009	MOS	TC40H032P	
IC11	3260004993	TTL	74LS04	
IC12	3260004993	TTL	74LS04	
IC13	3260004993	TTL	74LS04	
IC14	3260004993	TTL	74LS04	
IC15	3330061002	CMOS-PIA	HD6321P	
-MISCELLANEOUS-				
BT1	4362011009	BATTERY	3-51FTA	
X1	3510016009	CRYSTAL	LN-9-0008	3.6864MHz

*** ATTENUATOR

T-3952 ***

-RESISTORS-

R1	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R2	1359950003	METAL FILM	995 OHM	1%	1/8W
R3	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R4	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R5	1359950003	METAL FILM	995 OHM	1%	1/8W
R6	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R7	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R8	1359950003	METAL FILM	995 OHM	1%	1/8W
R9	1355269002	METAL FILM	52.6 OHM	1%	1/8W

-CAPACITORS-

C1	2010103014	CERAMIC	0.01uF	50V
C2	2010103014	CERAMIC	0.01uF	50V
C3	2010103014	CERAMIC	0.01uF	50V
C6	2010104007	CERAMIC	0.1uF	50V
C15	2120030009	MICA	3pF	500V
C16	2120020006	MICA	2pF	500V
C17	2120010003	MICA	1pF	500V
C18	2120010003	MICA	1pF	500V

No.	LDR PT No.	DESCRIPTION		
(T-3952 CONT'D)				
-DIODES-				
D1	3110006004	DETECTOR	1S1588	
D2	3110006004	DETECTOR	1S1588	
D3	3110006004	DETECTOR	1S1588	
-COILS-				
L1	3930100031	CHOKE COIL	10uH	10%
L2	3930100031	CHOKE COIL	10uH	10%
L3	3930100031	CHOKE COIL	10uH	10%
-MISCELLANEOUS-				
K1	4080058003	RELAY	G6A-234P	DC5V
K2	4080058003	RELAY	G6A-234P	DC5V
K3	4080058003	RELAY	G6A-234P	DC5V
	4310739002	CONNECTOR	SMA 056	
	4310764001	BNC CONNECTOR	BNC 188	
	3610200000	NOISE FILTER	ZFN5101-01R	
	3610200000	NOISE FILTER	ZFN5101-01R	
	3610200000	NOISE FILTER	ZFN5101-01R	

*** RF BOARD

T-4089 ***

-RESISTORS-

R1	1000102007	CARBON FILM	1K OHM	5%	1/6W
R2	1000102007	CARBON FILM	1K OHM	5%	1/6W
R3	1000102007	CARBON FILM	1K OHM	5%	1/6W
R4	1000102007	CARBON FILM	1K OHM	5%	1/6W
R9	1000102007	CARBON FILM	1K OHM	5%	1/6W
R11	1000103009	CARBON FILM	10K OHM	5%	1/6W
R12	1000223009	CARBON FILM	22K OHM	5%	1/6W
R13	1000683003	CARBON FILM	68K OHM	5%	1/6W
R14	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R15	1000221005	CARBON FILM	220 OHM	5%	1/6W
R16	1000221005	CARBON FILM	220 OHM	5%	1/6W
R31	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R32	1000331002	CARBON FILM	330 OHM	5%	1/6W
R33	1000102007	CARBON FILM	1K OHM	5%	1/6W
R34	1000102007	CARBON FILM	1K OHM	5%	1/6W
R35	1000102007	CARBON FILM	1K OHM	5%	1/6W
R42	1000103009	CARBON FILM	10K OHM	5%	1/6W
R43	1000103009	CARBON FILM	10K OHM	5%	1/6W
R44	1000103009	CARBON FILM	10K OHM	5%	1/6W
R45	1000103009	CARBON FILM	10K OHM	5%	1/6W
R46	1000103009	CARBON FILM	10K OHM	5%	1/6W
R47	1000103009	CARBON FILM	10K OHM	5%	1/6W
R48	1000103009	CARBON FILM	10K OHM	5%	1/6W
R49	1000103009	CARBON FILM	10K OHM	5%	1/6W
R101	1000151000	CARBON FILM	150 OHM	5%	1/6W
R102	1190021008	METAL GLAZE	10M OHM	1%	1/4W
R103	1000154006	CARBON FILM	150K OHM	5%	1/6W
R105	1000101005	CARBON FILM	100 OHM	5%	1/6W
R106	1000101005	CARBON FILM	100 OHM	5%	1/6W
R107	1000470006	CARBON FILM	47 OHM	5%	1/6W
R108	1000470006	CARBON FILM	47 OHM	5%	1/6W

No.	LDR PT No.	DESCRIPTION				
(T-4089	CONT'D)					
R109	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R110	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R111	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R112	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R113	1000682001	CARBON FILM	6.8K OHM	5%	1/6W	
R114	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R115	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R116	1010222004	CARBON FILM	2.2K OHM	5%	1/4W	
R117	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R118	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R119	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R120	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R121	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R122	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R123	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R124	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R125	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R126	1000682001	CARBON FILM	6.8K OHM	5%	1/6W	
R127	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R128	1000562001	CARBON FILM	5.6K OHM	5%	1/6W	
R129	1010222004	CARBON FILM	2.2K OHM	5%	1/4W	
R130	1000680007	CARBON FILM	68 OHM	5%	1/6W	
R131	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R132	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R133	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R134	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R135	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R136	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R137	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R138	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R139	1000682001	CARBON FILM	6.8K OHM	5%	1/6W	
R140	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R141	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R142	1010222004	CARBON FILM	2.2K OHM	5%	1/4W	
R143	1000121001	CARBON FILM	120 OHM	5%	1/6W	
R144	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R145	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R146	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R147	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R148	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R149	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R150	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R151	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R152	1000682001	CARBON FILM	6.8K OHM	5%	1/6W	
R153	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R154	1000332004	CARBON FILM	3.3K OHM	5%	1/6W	
R155	1010222004	CARBON FILM	2.2K OHM	5%	1/4W	
R156	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R201	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R202	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R203	1020391004	CARBON FILM	390 OHM	5%	1/2W	
R204	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R205	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R206	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R207	1020331006	CARBON FILM	330 OHM	5%	1/2W	
R208	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R209	1000103009	CARBON FILM	10K OHM	5%	1/6W	

No.	LDR PT No.	DESCRIPTION				
(T-4089	CONT'D)					
R210	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R211	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R212	1000153004	CARBON FILM	15K OHM	5%	1/6W	
R213	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R214	1020331006	CARBON FILM	330 OHM	5%	1/2W	
R215	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R216	1000220003	CARBON FILM	22 OHM	5%	1/6W	
R217	1020821003	CARBON FILM	820 OHM	5%	1/2W	
R218	1020471002	CARBON FILM	470 OHM	5%	1/2W	
R219	1000510002	CARBON FILM	51 OHM	5%	1/6W	
R220	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R223	1000331002	CARBON FILM	330 OHM	5%	1/6W	
R224	1000180007	CARBON FILM	18 OHM	5%	1/6W	
R225	1000331002	CARBON FILM	330 OHM	5%	1/6W	
R226	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R227	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R228	1020561003	CARBON FILM	560 OHM	5%	1/2W	
R231	1000472000	CARBON FILM	4.7K OHM	5%	1/6W	
R232	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R233	1000223009	CARBON FILM	22K OHM	5%	1/6W	
R234	1000331002	CARBON FILM	330 OHM	5%	1/6W	
R235	1000331002	CARBON FILM	330 OHM	5%	1/6W	
R236	1000569005	CARBON FILM	5.6 OHM	5%	1/6W	
R237	1000821009	CARBON FILM	820 OHM	5%	1/6W	
R238	1000821009	CARBON FILM	820 OHM	5%	1/6W	
R239	1000220003	CARBON FILM	22 OHM	5%	1/6W	
R240	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R241	1000392002	CARBON FILM	3.9K OHM	5%	1/6W	
R242	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R243	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R244	1000272002	CARBON FILM	2.7K OHM	5%	1/6W	
R245	1000220003	CARBON FILM	22 OHM	5%	1/6W	
R246	1000510002	CARBON FILM	51 OHM	5%	1/6W	
R247	1000562001	CARBON FILM	5.6K OHM	5%	1/6W	
R248	1000182001	CARBON FILM	1.8K OHM	5%	1/6W	
R351	1000220003	CARBON FILM	22 OHM	5%	1/6W	
R352	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R353	1000392002	CARBON FILM	3.9K OHM	5%	1/6W	
R354	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R355	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R356	1000272002	CARBON FILM	2.7K OHM	5%	1/6W	
R357	1000220003	CARBON FILM	22 OHM	5%	1/6W	
R358	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R359	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R360	1000223009	CARBON FILM	22K OHM	5%	1/6W	
R361	1000391000	CARBON FILM	390 OHM	5%	1/6W	
R362	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R363	1000561009	CARBON FILM	560 OHM	5%	1/6W	
R364	1000151000	CARBON FILM	150 OHM	5%	1/6W	
R365	1000152002	CARBON FILM	1.5K OHM	5%	1/6W	
R366	1000470006	CARBON FILM	47 OHM	5%	1/6W	
R367	1000152002	CARBON FILM	1.5K OHM	5%	1/6W	
R368	1000472000	CARBON FILM	4.7K OHM	5%	1/6W	
R369	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R370	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R371	1000472000	CARBON FILM	4.7K OHM	5%	1/6W	
R372	1000103009	CARBON FILM	10K OHM	5%	1/6W	

No.	LDR PT No.	DESCRIPTION			
(T-4089	CONT'D)				
R373	1000103009	CARBON FILM	10K OHM	5%	1/6W
R374	1000470006	CARBON FILM	47 OHM	5%	1/6W
R375	1000103009	CARBON FILM	10K OHM	5%	1/6W
R376	1210221008	METAL OXIDE	220 OHM	5%	1W
R377	1000470006	CARBON FILM	47 OHM	5%	1/6W
R378	1000123005	CARBON FILM	12K OHM	5%	1/6W
R379	1000331002	CARBON FILM	330 OHM	5%	1/6W
R380	1210680000	METAL OXIDE	68 OHM	5%	1W
R381	1355009006	METAL FILM	50 OHM	1%	1/8W
R382	1000182001	CARBON FILM	1.8K OHM	5%	1/6W
R383	1000562001	CARBON FILM	5.6K OHM	5%	1/6W
R384	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R385	1000104001	CARBON FILM	100K OHM	5%	1/6W
R386	1000102007	CARBON FILM	1K OHM	5%	1/6W
R387	1000102007	CARBON FILM	1K OHM	5%	1/6W
R388	1000333006	CARBON FILM	33K OHM	5%	1/6W
R389	1000103009	CARBON FILM	10K OHM	5%	1/6W
R390	1000103009	CARBON FILM	10K OHM	5%	1/6W
R391	1000103009	CARBON FILM	10K OHM	5%	1/6W
R392	1000103009	CARBON FILM	10K OHM	5%	1/6W
R393	1000103009	CARBON FILM	10K OHM	5%	1/6W
R394	1000271000	CARBON FILM	270 OHM	5%	1/6W
R395	1000391000	CARBON FILM	390 OHM	5%	1/6W
R396	1000102007	CARBON FILM	1K OHM	5%	1/6W
R398	1000221005	CARBON FILM	220 OHM	5%	1/6W
R399	1000271000	CARBON FILM	270 OHM	5%	1/6W
R400	1000331002	CARBON FILM	330 OHM	5%	1/6W
R405	1000104001	CARBON FILM	100K OHM	5%	1/6W
R406	1000101005	CARBON FILM	100 OHM	5%	1/6W
R451	1351160006	METAL FILM	116 OHM	1%	1/8W
R452	1355299001	METAL FILM	52.9 OHM	1%	1/8W
R453	1351160006	METAL FILM	116 OHM	1%	1/8W
R454	1356889008	METAL FILM	68.8 OHM	1%	1/8W
R455	1351540006	METAL FILM	154 OHM	1%	1/8W
R456	1356889008	METAL FILM	68.8 OHM	1%	1/8W
R457	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R458	1359950003	METAL FILM	995 OHM	1%	1/8W
R459	1355269002	METAL FILM	52.6 OHM	1%	1/8W
R460	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R461	1000103009	CARBON FILM	10K OHM	5%	1/6W
R462	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R463	1000103009	CARBON FILM	10K OHM	5%	1/6W
R464	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R465	1000103009	CARBON FILM	10K OHM	5%	1/6W
R466	1352210001	METAL FILM	221 OHM	1%	1/8W
R467	1352399007	METAL FILM	23.9 OHM	1%	1/8W
R468	1352210001	METAL FILM	221 OHM	1%	1/8W
R469	1000103009	CARBON FILM	10K OHM	5%	1/6W
R470	1000472000	CARBON FILM	4.7K OHM	5%	1/6W
R501	1000560007	CARBON FILM	56 OHM	5%	1/6W
R502	1000391000	CARBON FILM	390 OHM	5%	1/6W
R503	1000682001	CARBON FILM	6.8K OHM	5%	1/6W
R504	1000471008	CARBON FILM	470 OHM	5%	1/6W
R505	1000223009	CARBON FILM	22K OHM	5%	1/6W
R506	1000471008	CARBON FILM	470 OHM	5%	1/6W
R507	1000222007	CARBON FILM	2.2K OHM	5%	1/6W
R508	1000471008	CARBON FILM	470 OHM	5%	1/6W

No.	LDR PT No.	DESCRIPTION				
(T-4089	CONT'D)					
R509	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R510	1000471008	CARBON FILM	470 OHM	5%	1/6W	
R511	1000221005	CARBON FILM	220 OHM	5%	1/6W	
R515	1000154006	CARBON FILM	150K OHM	5%	1/6W	
R516	1000563003	CARBON FILM	56K OHM	5%	1/6W	
R518	1000564005	CARBON FILM	560K OHM	5%	1/6W	
R519	1000334008	CARBON FILM	330K OHM	5%	1/6W	
R520	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R521	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R522	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R523	1000153004	CARBON FILM	15K OHM	5%	1/6W	
R525	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R526	1000102007	CARBON FILM	1K OHM	5%	1/6W	
R527	1000123005	CARBON FILM	12K OHM	5%	1/6W	
R528	1000392002	CARBON FILM	3.9K OHM	5%	1/6W	
R530	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R531	1000472000	CARBON FILM	4.7K OHM	5%	1/6W	
R532	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R533	1000823003	CARBON FILM	82K OHM	5%	1/6W	
R534	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R535	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
R536	1000563003	CARBON FILM	56K OHM	5%	1/6W	
R537	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R538	1000104001	CARBON FILM	100K OHM	5%	1/6W	
R539	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R540	1000101005	CARBON FILM	100 OHM	5%	1/6W	
R541	1461603009	METAL FILM	160K OHM	1%	1/6W	
R542	1000224001	CARBON FILM	220K OHM	5%	1/6W	
R543	1000153004	CARBON FILM	15K OHM	5%	1/6W	
R544	1000103009	CARBON FILM	10K OHM	5%	1/6W	
R545	1000564005	CARBON FILM	560K OHM	5%	1/6W	
R546	1000222007	CARBON FILM	2.2K OHM	5%	1/6W	
RA1	1515104118	RESISTOR ARRAY	100K OHMX8	5%	1/8W	
RA501	1511332117	RESISTOR ARRAY	3.3K OHMX4	5%	1/8W	
-VARIABLE RESISTORS-						
VR1	1711004051	METAL GLAZE	2K OHM	20%	1/3W	
VR2	1711004051	METAL GLAZE	2K OHM	20%	1/3W	
VR3	1711004051	METAL GLAZE	2K OHM	20%	1/3W	
VR201	1711004006	METAL GLAZE	100 OHM	20%	1/3W	
VR202	1711004079	METAL GLAZE	10K OHM	20%	1/3W	
-CAPACITORS-						
C1	2090216004	FEED THROUGH	1000pF		300V	
C2	2090216004	FEED THROUGH	1000pF		300V	
C3	2090216004	FEED THROUGH	1000pF		300V	
C4	2090216004	FEED THROUGH	1000pF		300V	
C5	2090216004	FEED THROUGH	1000pF		300V	
C6	2090207003	FEED THROUGH	220pF	20%	50V	
C7	2090216004	FEED THROUGH	1000pF		300V	
C8	2090216004	FEED THROUGH	1000pF		300V	
C9	2090216004	FEED THROUGH	1000pF		300V	
C10	2090216004	FEED THROUGH	1000pF		300V	
C11	2090216004	FEED THROUGH	1000pF		300V	
C17	2010102012	CERAMIC	1000pF	10%	50V	
C18	2010102012	CERAMIC	1000pF	10%	50V	
C19	2010103014	CERAMIC	0.01uF		50V	

No.	LDR PT No.	DESCRIPTION			
(T-4089	CONT'D)				
C20	2240221044	ELECTROLYTIC	220uF	20%	25V
C21	2010103014	CERAMIC	0.01uF		50V
C22	2010103014	CERAMIC	0.01uF		50V
C23	2220221040	ELECTROLYTIC	220uF	20%	10V
C24	2010103014	CERAMIC	0.01uF		50V
C25	2010103014	CERAMIC	0.01uF		50V
C26	2240221044	ELECTROLYTIC	220uF	20%	25V
C27	2010103014	CERAMIC	0.01uF		50V
C28	2090016006	CERAMIC	0.1uF		50V
C29	2090016006	CERAMIC	0.1uF		50V
C30	2120270009	MICA	27pF	10%	500V
C31	2110151004	MICA	150pF	10%	50V
C32	2090016006	CERAMIC	0.1uF		50V
C33	2220101040	ELECTROLYTIC	100uF	20%	10V
C34	2090016006	CERAMIC	0.1uF		50V
C35	2090016006	CERAMIC	0.1uF		50V
C36	2090016006	CERAMIC	0.1uF		50V
C37	2090016006	CERAMIC	0.1uF		50V
C38	2090016006	CERAMIC	0.1uF		50V
C44	2010103014	CERAMIC	0.01uF		50V
C45	2090016006	CERAMIC	0.1uF		50V
C50	2090016006	CERAMIC	0.1uF		50V
C51	2090016006	CERAMIC	0.1uF		50V
C52	2010103014	CERAMIC	0.01uF		50V
C53	2010103014	CERAMIC	0.01uF		50V
C54	2240221044	ELECTROLYTIC	220uF	20%	25V
C107	2120100004	MICA	10pF	10%	500V
C109	2192039008	PLASTIC FILM	1500pF	1%	100V
C110	2610105025	METAL FILM	1uF	5%	50V
C111	2192032004	PLASTIC FILM	0.1uF	1%	100V
C112	2120030009	MICA	3pF		500V
C113	2120030009	MICA	3pF		500V
C114	2010102012	CERAMIC	1000pF	10%	50V
C115	2010103014	CERAMIC	0.01uF		50V
C116	2010103014	CERAMIC	0.01uF		50V
C117	2010103014	CERAMIC	0.01uF		50V
C118	2010103014	CERAMIC	0.01uF		50V
C119	2120030009	MICA	3pF		500V
C120	2120030009	MICA	3pF		500V
C121	2010102012	CERAMIC	1000pF	10%	50V
C122	2010103014	CERAMIC	0.01uF		50V
C123	2010103014	CERAMIC	0.01uF		50V
C124	2010103014	CERAMIC	0.01uF		50V
C125	2010103014	CERAMIC	0.01uF		50V
C126	2120030009	MICA	3pF		500V
C127	2120030009	MICA	3pF		500V
C128	2010102012	CERAMIC	1000pF	10%	50V
C129	2010103014	CERAMIC	0.01uF		50V
C130	2010103014	CERAMIC	0.01uF		50V
C131	2010103014	CERAMIC	0.01uF		50V
C132	2010103014	CERAMIC	0.01uF		50V
C133	2120030009	MICA	3pF		500V
C134	2120030009	MICA	3pF		500V
C135	2010102012	CERAMIC	1000pF	10%	50V
C136	2010103014	CERAMIC	0.01uF		50V
C137	2010103014	CERAMIC	0.01uF		50V
C138	2010103014	CERAMIC	0.01uF		50V

No.	LDR PT No.	DESCRIPTION			
(T-4089	CONT'D)				
C139	2010103014	CERAMIC	0.01uF		50V
C140	2010103014	CERAMIC	0.01uF		50V
C141	2220101040	ELECTROLYTIC	100uF	20%	10V
C142	2110101009	MICA	100pF	10%	50V
C143	2010103014	CERAMIC	0.01uF		50V
C201	2010102012	CERAMIC	1000pF	10%	50V
C202	2010103014	CERAMIC	0.01uF		50V
C203	2010102012	CERAMIC	1000pF	10%	50V
C204	2010102012	CERAMIC	1000pF	10%	50V
C205	2010103014	CERAMIC	0.01uF		50V
C207	2010102012	CERAMIC	1000pF	10%	50V
C213	2010102012	CERAMIC	1000pF	10%	50V
C214	2010102012	CERAMIC	1000pF	10%	50V
C215	2010102012	CERAMIC	1000pF	10%	50V
C216	2010103014	CERAMIC	0.01uF		50V
C217	2010102012	CERAMIC	1000pF	10%	50V
C218	2120030009	MICA	3pF		500V
C219	2010102012	CERAMIC	1000pF	10%	50V
C220	2010102012	CERAMIC	1000pF	10%	50V
C222	2010103014	CERAMIC	0.01uF		50V
C223	2010103014	CERAMIC	0.01uF		50V
C224	2010102012	CERAMIC	1000pF	10%	50V
C231	2610334020	METAL FILM	0.33uF	5%	63V
C232	2090016006	CERAMIC	0.1uF		50V
C233	2090016006	CERAMIC	0.1uF		50V
C235	2610105025	METAL FILM	1uF	5%	50V
C236	2110151004	MICA	150pF	10%	50V
C237	2110221009	MICA	220pF	10%	50V
C238	2110151004	MICA	150pF	10%	50V
C239	2120270009	MICA	27pF	10%	500V
C240	2120820008	MICA	82pF	10%	500V
C241	2010102012	CERAMIC	1000pF	10%	50V
C242	2120270009	MICA	27pF	10%	500V
C243	2010103014	CERAMIC	0.01uF		50V
C244	2010103014	CERAMIC	0.01uF		50V
C245	2010103014	CERAMIC	0.01uF		50V
C251	2010102012	CERAMIC	1000pF	10%	50V
C252	2010103014	CERAMIC	0.01uF		50V
C253	2240220042	ELECTROLYTIC	22uF	20%	25V
C254	2010102012	CERAMIC	1000pF	10%	50V
C255	2010102012	CERAMIC	1000pF	10%	50V
C256	2010102012	CERAMIC	1000pF	10%	50V
C257	2120330001	MICA	33pF	10%	500V
C258	2120100004	MICA	10pF	10%	500V
C259	2120390009	MICA	39pF	10%	500V
C260	2120390009	MICA	39pF	10%	500V
C261	2120180008	MICA	18pF	10%	500V
C262	2010103014	CERAMIC	0.01uF		50V
C351	2010102012	CERAMIC	1000pF	10%	50V
C352	2240220042	ELECTROLYTIC	22uF	20%	25V
C353	2010102012	CERAMIC	1000pF	10%	50V
C354	2010102012	CERAMIC	1000pF	10%	50V
C355	2010102012	CERAMIC	1000pF	10%	50V
C356	2010103014	CERAMIC	0.01uF		50V
C357	2010103014	CERAMIC	0.01uF		50V
C359	2240220042	ELECTROLYTIC	22uF	20%	25V
C360	2610334020	METAL FILM	0.33uF	5%	63V

No.	LDR PT No.	DESCRIPTION			
(T-4089	CONT'D)				
C361	2090016006	CERAMIC	0.1uF		50V
C362	2010103014	CERAMIC	0.01uF		50V
C363	2010103014	CERAMIC	0.01uF		50V
C364	2090016006	CERAMIC	0.1uF		50V
C365	2090016006	CERAMIC	0.1uF		50V
C366	2090016006	CERAMIC	0.1uF		50V
C367	2090016006	CERAMIC	0.1uF		50V
C368	2090016006	CERAMIC	0.1uF		50V
C369	2610334020	METAL FILM	0.33uF	5%	63V
C370	2090016006	CERAMIC	0.1uF		50V
C371	2240101044	ELECTROLYTIC	100uF	20%	25V
C372	2090016006	CERAMIC	0.1uF		50V
C373	2010102012	CERAMIC	1000pF	10%	50V
C374	2240220042	ELECTROLYTIC	22uF	20%	25V
C375	2090016006	CERAMIC	0.1uF		50V
C378	2090016006	CERAMIC	0.1uF		50V
C379	2010103014	CERAMIC	0.01uF		50V
C380	2140332018	PLASTIC FILM	3300pF	10%	50V
C381	2010103014	CERAMIC	0.01uF		50V
C382	2010103014	CERAMIC	0.01uF		50V
C383	2200331007	PLASTIC FILM	330pF	5%	100V
C384	2200391005	PLASTIC FILM	390pF	5%	100V
C385	2200471003	PLASTIC FILM	470pF	5%	100V
C386	2140332018	PLASTIC FILM	3300pF	10%	50V
C387	2120070001	MICA	7pF		500V
C388	2240470045	ELECTROLYTIC	47uF	20%	25V
C389	2090016006	CERAMIC	0.1uF		50V
C390	2090016006	CERAMIC	0.1uF		50V
C391	2120030009	MICA	3pF		500V
C392	2010103014	CERAMIC	0.01uF		50V
C393	2240100042	ELECTROLYTIC	10uF	20%	25V
C395	2140472014	PLASTIC FILM	4700pF	10%	50V
C396	2200331007	PLASTIC FILM	330pF	5%	100V
C397	2090016006	CERAMIC	0.1uF		50V
C398	2010103014	CERAMIC	0.01uF		50V
C451	2010103014	CERAMIC	0.01uF		50V
C452	2010103014	CERAMIC	0.01uF		50V
C453	2010103014	CERAMIC	0.01uF		50V
C454	2010103014	CERAMIC	0.01uF		50V
C501	2090016006	CERAMIC	0.1uF		50V
C502	2010102012	CERAMIC	1000pF	10%	50V
C503	2090016006	CERAMIC	0.1uF		50V
C504	2090016006	CERAMIC	0.1uF		50V
C505	2010102012	CERAMIC	1000pF	10%	50V
C506	2140103013	PLASTIC FILM	0.01uF	10%	50V
C507	2010102012	CERAMIC	1000pF	10%	50V
C508	2220101040	ELECTROLYTIC	100uF	20%	10V
C509	2010103014	CERAMIC	0.01uF		50V
C510	2090016006	CERAMIC	0.1uF		50V
C511	2090016006	CERAMIC	0.1uF		50V
C513	2240220042	ELECTROLYTIC	22uF	20%	25V
C515	2090016006	CERAMIC	0.1uF		50V
C516	2090016006	CERAMIC	0.1uF		50V
C517	2090016006	CERAMIC	0.1uF		50V
C519	2610475000	PLASTIC FILM	4.7uF	10%	63V
C520	2230221047	ELECTROLYTIC	220uF	20%	16V
C521	2010103014	CERAMIC	0.01uF		50V

No.	LDR PT No.	DESCRIPTION			
(T-4089	CONT'D)				
C522	2010103014	CERAMIC	0.01uF		50V
C523	2610104023	METAL FILM	0.1uF	5%	63V
C524	2090016006	CERAMIC	0.1uF		50V
C525	2090016006	CERAMIC	0.1uF		50V
C526	2090016006	CERAMIC	0.1uF		50V
C527	2010102012	CERAMIC	1000pF	10%	50V
C528	2090016006	CERAMIC	0.1uF		50V
C529	2610683025	METAL FILM	0.068uF	5%	63V
C530	2140223013	PLASTIC FILM	0.022uF	10%	50V
C531	2610104023	METAL FILM	0.1uF	5%	63V
C532	2610105025	METAL FILM	1uF	5%	50V
C533	2610683025	METAL FILM	0.068uF	5%	63V
C534	2090016006	CERAMIC	0.1uF		50V
C535	2090016006	CERAMIC	0.1uF		50V
-VARIABLE CAPACITORS-					
VC1	2910020003	CERAMIC	2.5-22pF		250V
VC202	2910020003	CERAMIC	2.5-22pF		250V
-TRANSISTORS-					
Q1	3031815018	NPN	2SC1815-Y		
Q2	3011015012	PNP	2SA1015-Y		
Q6	3011015012	PNP	2SA1015-Y		
Q7	3031815018	NPN	2SC1815-Y		
Q8	3011015012	PNP	2SA1015-Y		
Q9	3031815018	NPN	2SC1815-Y		
Q10	3011015012	PNP	2SA1015-Y		
Q11	3031815018	NPN	2SC1815-Y		
Q12	3011015012	PNP	2SA1015-Y		
Q13	3031815018	NPN	2SC1815-Y		
Q101	3032671007	NPN	2SC2671		
Q102	3032671007	NPN	2SC2671		
Q103	3032671007	NPN	2SC2671		
Q104	3032671007	NPN	2SC2671		
Q105	3032671007	NPN	2SC2671		
Q106	3032671007	NPN	2SC2671		
Q107	3032671007	NPN	2SC2671		
Q108	3032671007	NPN	2SC2671		
Q109	3032671007	NPN	2SC2671		
Q110	3032671007	NPN	2SC2671		
Q111	3032671007	NPN	2SC2671		
Q112	3032671007	NPN	2SC2671		
Q201	3032851009	NPN	2SC2851		
Q202	3032851009	NPN	2SC2851		
Q203	3011015012	PNP	2SA1015-Y		
Q204	3032671007	NPN	2SC2671		
Q205	3031907004	NPN	2SC1907		
Q206	3032851009	NPN	2SC2851		
Q207	3031907004	NPN	2SC1907		
Q351	3032671007	NPN	2SC2671		
Q352	3031907004	NPN	2SC1907		
Q353	3031907004	NPN	2SC1907		
Q354	3031815018	NPN	2SC1815-Y		
Q355	3011015012	PNP	2SA1015-Y		
Q356	3031815018	NPN	2SC1815-Y		
Q357	3011015012	PNP	2SA1015-Y		
Q358	3032851009	NPN	2SC2851		

No.	LDR PT No.	DESCRIPTION	

(T-4089	CONT'D)		
Q359	3032952005	NPN	2SC2952
Q360	3031815018	NPN	2SC1815-Y
Q361	3031815018	NPN	2SC1815-Y
Q362	3031815018	NPN	2SC1815-Y
Q363	3031815018	NPN	2SC1815-Y
Q451	3011015012	PNP	2SA1015-Y
Q452	3011015012	PNP	2SA1015-Y
Q453	3011015012	PNP	2SA1015-Y
Q454	3011015012	PNP	2SA1015-Y
Q501	3031907004	NPN	2SC1907
Q502	3031907004	NPN	2SC1907
Q503	3031907004	NPN	2SC1907
Q504	3031907004	NPN	2SC1907
Q505	3031907004	NPN	2SC1907
Q506	3031815018	NPN	2SC1815-Y
Q507	3031815018	NPN	2SC1815-Y
Q508	3031815018	NPN	2SC1815-Y
Q509	3031815018	NPN	2SC1815-Y
Q510	3031815018	NPN	2SC1815-Y
Q511	3031815018	NPN	2SC1815-Y
Q512	3031815018	NPN	2SC1815-Y
Q513	3031815018	NPN	2SC1815-Y
Q514	3031815018	NPN	2SC1815-Y
Q515	3031815018	NPN	2SC1815-Y
-DIODES-			
D1	3120057008	ZENER	RD5.6EB 5.6V
D101	3140019013	VARICAP	1SV68(SELECTED)
D102	3140019013	VARICAP	1SV68(SELECTED)
D103	3140019013	VARICAP	1SV68(SELECTED)
D104	3140019013	VARICAP	1SV68(SELECTED)
D105	3140019013	VARICAP	1SV68(SELECTED)
D106	3140019013	VARICAP	1SV68(SELECTED)
D107	3140019013	VARICAP	1SV68(SELECTED)
D108	3140019013	VARICAP	1SV68(SELECTED)
D109	3140019013	VARICAP	1SV68(SELECTED)
D110	3140019013	VARICAP	1SV68(SELECTED)
D111	3140019013	VARICAP	1SV68(SELECTED)
D112	3140019013	VARICAP	1SV68(SELECTED)
D113	3140019013	VARICAP	1SV68(SELECTED)
D114	3140019013	VARICAP	1SV68(SELECTED)
D115	3140019013	VARICAP	1SV68(SELECTED)
D116	3140019013	VARICAP	1SV68(SELECTED)
D117	3140019013	VARICAP	1SV68(SELECTED)
D118	3140019013	VARICAP	1SV68(SELECTED)
D119	3140019013	VARICAP	1SV68(SELECTED)
D120	3140019013	VARICAP	1SV68(SELECTED)
D121	3140019013	VARICAP	1SV68(SELECTED)
D122	3140019013	VARICAP	1SV68(SELECTED)
D123	3140019013	VARICAP	1SV68(SELECTED)
D124	3140019013	VARICAP	1SV68(SELECTED)
D126	3140019013	VARICAP	1SV68(SELECTED)
D127	3140019013	VARICAP	1SV68(SELECTED)
D128	3140019013	VARICAP	1SV68(SELECTED)
D129	3140019013	VARICAP	1SV68(SELECTED)
D201	3110032005	SWITCHING	1S2222
D202	3110032005	SWITCHING	1S2222

No.	LDR PT No.	DESCRIPTION		
(T-4089 CONT'D)				
D204	3140029007	PIN	1SV157	
D205	3140029007	PIN	1SV157	
D206	3140029007	PIN	1SV157	
D207	3140029007	PIN	1SV157	
D208	3120024003	ZENER	RD5.1EB	5.1V
D351	3140029007	PIN	1SV157	
D352	3140029007	PIN	1SV157	
D353	3140029007	PIN	1SV157	
D354	3140029007	PIN	1SV157	
D355	3120024003	ZENER	RD5.1EB	5.1V
D356	3110070003	SCHOTTKY	1SS99	
D357	3110006004	DETECTOR	1S1588	
D358	3110070003	SCHOTTKY	1SS99	
D451	3110006004	DETECTOR	1S1588	
D452	3110006004	DETECTOR	1S1588	
D453	3110006004	DETECTOR	1S1588	
D454	3110006004	DETECTOR	1S1588	
D502	3120054002	ZENER	RD13EB	13V
D504	3110006004	DETECTOR	1S1588	
D505	3110078009	DETECTOR DUAL	MC-911	
D506	3110078009	DETECTOR DUAL	MC-911	
-INTEGRATED CIRCUITS-				
IC1	3420014004	CMOS	TC74HC14P	
IC2	3310094993	CMOS	4094B	
IC3	3310094993	CMOS	4094B	
IC4	3430094005	CMOS	TC74HC4094P	
IC5	3330106008	PLL	CX-7925B	
IC6	3420390002	CMOS	TC74HC390P	
IC9	3220051004	OP AMP	TL 071 CP	
IC10	3310051995	CMOS	4051B	
IC351	3220038002	OP AMP	TL082	
IC501	3390008000	ECL	HD10551	
IC502	3270132999	TTL	74S132	
IC503	7450000000	GATE ARRAY SC-1	MB672188P	
IC504	3420393998	HS CMOS	74HC393	
IC505	3420002997	HS CMOS	74HC02	
IC506	3310066998	CMOS	4066B	
IC507	3310066998	CMOS	4066B	
IC508	3220076000	OP AMP	LF412	
IC509	3420032996	HS CMOS	74HC32	
IC511	3440038002	CMOS	TC74HC4538P	
-COILS-				
L1	3930100031	CHOKE COIL	10uH	10%
L2	3992005004	COIL	1mH	0.5A
L3	3992005004	COIL	1mH	0.5A
L5	3930101036	CHOKE COIL	LAL03NA101K	
L6	3970229000	COIL	2.2uH	10%
L101	3900728009	COIL	L-728	
L102	3930479032	CHOKE COIL	4.7uF	10%
L103	3900728009	COIL	L-728	
L104	3930479032	CHOKE COIL	4.7uF	10%
L105	3900752006	COIL	L-752	
L106	3930479032	CHOKE COIL	4.7uF	10%
L107	3900725003	COIL	L-725	
L108	3930479032	CHOKE COIL	4.7uF	10%

No.	LDR PT No.	DESCRIPTION		
(T-4089	CONT'D)			
L109	3930479032	CHOKE COIL	4.7uF	10%
L110	3930101036	CHOKE COIL	LAL03NA101K	
L111	3930568031	CHOKE COIL	LAL03NA	
L201	3930100031	CHOKE COIL	10uH	10%
L202	3930100031	CHOKE COIL	10uH	10%
L206	3900674002	COIL	L-674-9	
L207	3900674002	COIL	L-674-9	
L209	3900563003	COIL	L-563	
L212	3930109039	COIL	1uH	20%
L213	3930109039	COIL	1uH	20%
L214	3930109039	COIL	1uH	20%
L215	3900673073	COIL	L-673-8	
L216	3900673019	COIL	L-673-4	
L351	3930109039	COIL	1uH	20%
L352	3930109039	COIL	1uH	20%
L353	3930109039	COIL	1uH	20%
L354	3992005004	COIL	1mH	0.5A
L355	3900674011	COIL	L-674-8	
L356	3900674075	COIL	L-674-6	
L501	3930100031	CHOKE COIL	10uH	10%
-MISCELLANEOUS-				
K451	4080058003	RELAY	G6A-234P	DC5V
K452	4080058003	RELAY	G6A-234P	DC5V
K453	4080058003	RELAY	G6A-234P	DC5V
K454	4080058003	RELAY	G6A-234P	DC5V
X1	3500304007	CRYSTAL	X-304A	NC-18C 10MHz
X201	3500416008	CRYSTAL	X-416	NC-18C 80MHz
	8040014001	DBM	M-8 8PIN	
	4310746009	CONNECTOR	SMA 086	