

Location	Part Number	Description	Q'ty/Unit
C6,10-15 19-22,24-26 28-29,31	16061140	Capacitor - 25V 0.1uF +80-20%	17
CN200,207	11025007	Connector - 14P	2
CN201	11025074	Connector - 8P	1
CN202	11024986	Connector - 2P	1
CN203	11026664	Connector - 6P	1
CN204	11024211	Connector - 12P	1
CN206,216	11024646	Connector - 5P Blue	2
CN208	11024630	Connector - 15P Blue	1
CN210	11024987	Connector - 4P	1
CN211	A1005496	Connector - 18P Gray	1
CN212	11022271	Connector - 20P	1
CN214	11024636	Connector - 7P Yellow	1
CN215	11024206	Connector - 7P	1
CN218	11024626	Connector - 9P	1
CN219,224 233	11024643	Connector - 2P Black	3
CN220	11024202	Connector - 3P	1
CN221,226	11024203	Connector - 4P	2
CN222	11024210	Connector - 11P	1
CN223,229 230	11024201	Connector - 2P	3
CN225	11024205	Connector - 6P White	1
CN231	11024619	Connector - 2P Blue	1
CN232	11024631	Connector - 2P Yellow	1
CN234	11024619	Connector - 2P Blue	1
DA1-8	14020476	Diode Array - 1SS184	8
F1,3	11070724	Fuse - 3.15A 250V	2
F2	11070714	Fuse - 6.3A 250V	1
L1	16070388	Coil - SBC-100-212	1
L2-4	16330000	Resistor - 0Ω ±1%	3
L5	16070524	Filter - BLM32A06	1
LED1	14020783	LED - GL3PR8	1
IC1,4,8,9	14072187	IC - SN74LS07NS	4
IC2	14081003	IC - TW6407	1
IC3,11	14071964	IC - TD62304AP	2
IC5-7,10	14074264	IC - M66010FP	4
C1,2	16041302	Capacitor - 25V 47uF ±20%	2
C3,4	16041537	Capacitor - 35V 100uF ±20%	2
C7,8	16050401	Capacitor - 50V 0.1uF ±20%	2
C16-18,23 27	16061139	Capacitor - 50V 0.01uF ±20%	5
C30	16061136	Capacitor - 50V 1000pF ±10%	1

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Location	Part Number	Description	Q'ty/Unit
AR1-26,31-44,46-48	16017723	Resistor Array - 150Ω ±5%	43
C1,4,5	16041729	Capacitor - 25V 10μF ±20%	3
C2,7	16041537	Capacitor - 35V 100μF ±20%	2
C3	16041302	Capacitor - 25V 47μF ±20%	1
C6	16041675	Capacitor - 25V 1μF ±20%	1
C8,9	16041673	Capacitor - 16V 100μF ±20%	2
C10-16,19 21-23,25,28 38-40,42-47 49,51-53 55-62,66-72 74,76-80 82-92 96-100	16061140	Capacitor - 25V 0.1μF +80%-20%	63
C17,18,24 26,27,29-37 63-65,73,75 93-95	16061208	Capacitor - 50V 100pF ±5%	22
C48	16061131	Capacitor - 50V 10μF ±5%	1
C54	16050401	Capacitor - 50V 0.1μF ±20%	1
C20,41,81	16061139	Capacitor - 25V 0.1μF ±20%	3
C50	16061397	Capacitor - 50V 68pF ±10%	1
CN150	11026658	Connector - 52368-0401	1
CN151	11024205	Connector - 175487-6	1
CN152	11024460	Connector - 175489-2	1
CN153	11025552	Connector - 1-175132-6	1
CN154	11024202	Connector - 175487-3	1
CN155	11024620	Connector - 2-175487-3	1
CN156	11024206	Connector - 175487-7	1
CN157	11025718	Connector - 178670-1	1
CN158	11025007	Connector - 1-175487-4	1
CN159	11025384	Connector - TX15-80P10ST-N1	1
CN160	11026565	Connector - SD-53213-6011	1
CN161	11024471	Connector - 1-175489-5	1
CN252	11024469	Connector - 175487-3	1
CN253	11024466	Connector - 175489-8	1
CN254	11025569	Connector - 2-176421-0	1
IC1	H5207401	IC - IOP80	1
IC2	14080839	IC - STK6712BMK3	1
IC3	H5207400	IC - LIF80	1
IC4,6	14074151	IC - HM514800LJP-8	2
IC5	14073731	IC - RAM- TC511664BJL-80	1
IC7,8,13 16-19	14074091	IC - M66251AFP	7

Location	Part Number	Description	Q'ty/Unit
IC9	A1005421	IC - RF5GL45-010(GAVD)	1
IC10	14074188	IC - HD6415108F10	1
IC11	H5207403	IC - VPP-R	1
IC14	H5207402	IC - VPP-F	1
IC29	14073245	IC - TC74HC32AF	1
IC30,32	14073284	IC - TC74HC74AF	2
IC31	14073170	IC - 74HC109AF	1
D1,2	14020561	Diode - 1SS193	2
DA1	14020478	Diode Array - 1SS226	1
F1	11070650	Fuse - 19372-3.15A.250V	1
FIL2	16020987	Filter - BL02RN2-R62	1
FIL3	16070731	Noise Filter - ELKTH150GA	1
FIL4,22,25 27	16027029	Filter - DSS310-55D223S50	4
FIL5-8,12-16	16027083	EMI Filter - TU10M	9
FIL10,11,17	16070725	EMI Filter - TX9500NB	3
FIL18	16070730	Noise Filter - ELKTH150GA	1
FIL19-21,23 24,26,28-33	16027011	Filter - BL02RN2-R62	12
IC12	14080526	IC - HA3-2525-5	1
IC15,20,21	14074295	IC - M5M5178AFP-25	3
IC22,23	14072187	IC - SN74LS07NS	2
IC24	14073264	IC - TCS02F	1
IC25	14080604	IC - μ PC393G2	1
IC26,27	14073008	IC - SN74ALS244BNS	2
IC28	14073314	IC - 74HC4052AF	1
JP2,17	16331500	Jumper - $150\Omega \pm 1\%$ 1/10W	2
JP3,16,19	16330000	Jumper - $0\Omega \pm 1\%$ 1/10W	3
JP18	16332200	Jumper - $220\Omega \pm 1\%$ 1/10W	1
L1	16070388	Coil - SBC-100-212	1
L2,6-8	16070524	Coil - BLM32A06	4
L4	16321500	Resistor - $150\Omega \pm 1\%$ 1/8W	1
PC1	14030726	Photocoupler - TLP521-1Y	1
Q1,2	14000369	Transistor - 2SA1213Y	2
Q3-5	14000589	Transistor - DTC124TK	3
R1,18-21,23 25-35,56-58 61,80,81 95-98	16304151	Resistor - $150\Omega \pm 5\%$ 1/16W	27
R2-9,36,38 40,63,64 67-72	16343301	Resistor - $3.3k\Omega \pm 1\%$ 1/16W	20
R10,15,17	16343300	Resistor - $330\Omega \pm 1\%$ 1/16W	3

Location	Part Number	Description	Q'ty/Unit
R11	16341202	Resistor - 12k Ω $\pm$ 1% 1/16W	1
R12,41,44 52,53,55,59 60,62,65,66 73-77,82-84 86,87,91,93 94,102,124	16344701	Resistor - 4.7k Ω $\pm$ 5% 1/16W	26
R13,50,79 103-118	16341002	Resistor - 10k Ω $\pm$ 1% 1/16W	19
R14	16347500	Resistor - 750 Ω $\pm$ 1% 1/16W	1
R16,133	16342200	Resistor - 220 Ω $\pm$ 1% 1/16W	2
R39	16342202	Resistor - 22k Ω $\pm$ 1% 1/16W	1
R45	16338200	Resistor - 820 Ω $\pm$ 1% 1/10W	1
R47,48	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	2
R49,131	16303472	Resistor - 68 Ω $\pm$ 1% 1/10W	2
R51	16344702	Resistor - 47k Ω $\pm$ 1% 1/16W	1
R54	16343002	Resistor - 30k Ω $\pm$ 1% 1/16W	1
R78	16341502	Resistor - 15k Ω $\pm$ 1% 1/16W	1
R99	16303104	Resistor - 4.7k Ω $\pm$ 5% 1/16W	1
R119-121 JP1	16331000	Resistor - 100 Ω $\pm$ 1% 1/10W	4
R122	16311200	Resistor - 120 Ω $\pm$ 1% 1/4W	1
R123	16342001	Resistor - 2k Ω $\pm$ 1% 1/16W	1
R125	16342000	Resistor - 200 Ω $\pm$ 1% 1/16W	1
R126	16341600	Resistor - 10k Ω $\pm$ 5% 1/16W	1
R127	16336200	Resistor - 620 Ω $\pm$ 1% 1/10W	1
R128	16332400	Resistor - 240 Ω $\pm$ 1% 1/10W	1
R129	16341100	Resistor - 110 Ω $\pm$ 1% 1/16W	1
R132	16332430	Resistor - 243 Ω $\pm$ 1% 1/10W	1
R134,135	16341001	Resistor - 1k Ω $\pm$ 1% 1/16W	2
R136,137	16336809	Resistor - 100k Ω $\pm$ 5% 1/10W	2
R130	16343909	Resistor - 4.7k Ω $\pm$ 5% 1/16W	1
REG1	14080916	Regulator - RH5RA40AB	1
TB1	11023127	Receptacle - 2P	1
TB1	11025532	Receptacle - 2P	1
TP9,10 16-19,23,24	11010429	Test Pin	8
VR1	16018249	Variable Resistor - 10k Ω 1/2W	1
XTL1	15030579	Oscillator - 9.52MHz	1
XTL2	15030499	Oscillator - 17.4315MHz	1
XTL3	15030539	Oscillator - 1335-B0-29.9867MHz	1
ZD1	14020682	Zener Diode - RD3.6MB	1
	H5203115B	Heat Sink	1
	H5203116A	Bracket	1

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Location	Part Number	Description	Q'ty/Unit
AR1-26,31-44,46-48	16017723	Resistor Array - 150Ω ±5%	43
C1,4,5	16041729	Capacitor - 25V 10μF ±20%	3
C2,7	16041537	Capacitor - 35V 100μF ±20%	2
C3	16041302	Capacitor - 25V 47μF ±20%	1
C6	16041675	Capacitor - 25V 1μF ±20%	1
C8,9	16041673	Capacitor - 16V 100μF ±20%	2
C10-16,19 21-23,25,28 38-40,42-47 49,51-53 55-62,66-72 74,76-80 82-92 96-100	16061140	Capacitor - 25V 0.1μF +80%-20%	63
C17,18,24 26,27,29-37 63-65,73,75 93-95	16061208	Capacitor - 50V 100pF ±5%	22
C48	16061131	Capacitor - 50V 10μF ±5%	1
C54	16050401	Capacitor - 50V 0.1μF ±20%	1
C20,41,81	16061139	Capacitor - 25V 0.1μF ±20%	3
C50	16061397	Capacitor - 50V 68pF ±10%	1
CN150	11026658	Connector - 52368-0401	1
CN151	11024205	Connector - 175487-6	1
CN152	11024460	Connector - 175489-2	1
CN153	11025552	Connector - 1-175132-6	1
CN154	11024202	Connector - 175487-3	1
CN155	11024620	Connector - 2-175487-3	1
CN156	11024206	Connector - 175487-7	1
CN157	11025718	Connector - 178670-1	1
CN158	11025007	Connector - 1-175487-4	1
CN159	11025384	Connector - TX15-80P10ST-N1	1
CN160	11026565	Connector - SD-53213-6011	1
CN161	11024471	Connector - 1-175489-5	1
CN252	11024469	Connector - 175487-3	1
CN253	11024466	Connector - 175489-8	1
CN254	11025569	Connector - 2-176421-0	1
IC1	H5207401	IC - IOP80	1
IC2	14080839	IC - STK6712BMK3	1
IC3	H5207400	IC - LIF80	1
IC4,6	14074151	IC - HM514800LJP-8	2
IC5	14073731	IC - RAM- TC511664BJL-80	1
IC7,8,13 16-19	14074091	IC - M66251AFP	7

Location	Part Number	Description	Q'ty/Unit
IC9	A1005421	IC - RF5GL45-010(GAVD)	1
IC10	14074188	IC - HD6415108F10	1
IC11	H5207403	IC - VPP-R	1
IC14	H5207402	IC - VPP-F	1
IC29	14073245	IC - TC74HC32AF	1
IC30,32	14073284	IC - TC74HC74AF	2
IC31	14073170	IC - 74HC109AF	1
D1,2	14020561	Diode - 1SS193	2
DA1	14020478	Diode Array - 1SS226	1
F1	15030579	Fuse - K19374 3.15A 250V	1
FIL2	16020987	Filter - BL02RN2-R62	1
FIL3	16070731	Noise Filter - ELKTH150GA	1
FIL4,22,25 27	16027029	Filter - DSS310-55D223S50	4
FIL5-8,12-16	16027083	EMI Filter - TU10M	9
FIL10,11,17	16070725	EMI Filter - TX9500NB	3
FIL18	16070730	Noise Filter - ELKTH150GA	1
FIL19-21,23 24,26,28-33	16027011	Filter - BL02RN2-R62	12
IC12	14080526	IC - HA3-2525-5	1
IC15,20,21	14074295	IC - M5M5178AFP-25	3
IC22,23	14072187	IC - SN74LS07NS	2
IC24	14073264	IC - TCS02F	1
IC25	14080604	IC - μ PC393G2	1
IC26,27	14073008	IC - SN74ALS244BNS	2
IC28	14073314	IC - 74HC4052AF	1
JP2,17	16331500	Jumper - $150\Omega \pm 1\%$ 1/10W	2
JP3,16,19	16330000	Jumper - $0\Omega \pm 1\%$ 1/10W	3
JP18	16332200	Jumper - $220\Omega \pm 1\%$ 1/10W	1
L1	16070388	Coil - SBC-100-212	1
L2,6-8	16070524	Coil - BLM32A06	4
L4	16321500	Resistor - $150\Omega \pm 1\%$ 1/8W	1
PC1	14030726	Photocoupler - TLP521-1Y	1
Q1,2	14000369	Transistor - 2SA1213Y	2
Q3-5	14000589	Transistor - DTC124TK	3
R1,18-21,23 25-35,56-58 61,80,81 95-98	16304151	Resistor - $150\Omega \pm 5\%$ 1/16W	27
R2-9,36,38 40,63,64 67-72	16343301	Resistor - $3.3k\Omega \pm 1\%$ 1/16W	20
R10,15,17	16343300	Resistor - $330\Omega \pm 1\%$ 1/16W	3

Location	Part Number	Description	Q'ty/Unit
R11	16341202	Resistor - 12k Ω $\pm$ 1% 1/16W	1
R12,41,44 52,53,55,59 60,62,65,66 73-77,82-84 86,87,91,93 94,102,124	16344701	Resistor - 4.7k Ω $\pm$ 5% 1/16W	26
R13,50,79 103-118	16341002	Resistor - 10k Ω $\pm$ 1% 1/16W	19
R14	16347500	Resistor - 750 Ω $\pm$ 1% 1/16W	1
R16,133	16342200	Resistor - 220 Ω $\pm$ 1% 1/16W	2
R39	16342202	Resistor - 22k Ω $\pm$ 1% 1/16W	1
R45	16338200	Resistor - 820 Ω $\pm$ 1% 1/10W	1
R47,48	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	2
R49,131	16303472	Resistor - 68 Ω $\pm$ 1% 1/10W	2
R51	16344702	Resistor - 47k Ω $\pm$ 1% 1/16W	1
R54	16343002	Resistor - 30k Ω $\pm$ 1% 1/16W	1
R78	16341502	Resistor - 15k Ω $\pm$ 1% 1/16W	1
R99	16303104	Resistor - 4.7k Ω $\pm$ 5% 1/16W	1
R119-121 JP1	16331000	Resistor - 100 Ω $\pm$ 1% 1/10W	4
R122	16311200	Resistor - 120 Ω $\pm$ 1% 1/4W	1
R123	16342001	Resistor - 2k Ω $\pm$ 1% 1/16W	1
R125	16342000	Resistor - 200 Ω $\pm$ 1% 1/16W	1
R126	16341600	Resistor - 10k Ω $\pm$ 5% 1/16W	1
R127	16336200	Resistor - 620 Ω $\pm$ 1% 1/10W	1
R128	16332400	Resistor - 240 Ω $\pm$ 1% 1/10W	1
R129	16341100	Resistor - 110 Ω $\pm$ 1% 1/16W	1
R132	16332430	Resistor - 243 Ω $\pm$ 1% 1/10W	1
R134,135	16341001	Resistor - 1k Ω $\pm$ 1% 1/16W	2
R136,137	16336809	Resistor - 100k Ω $\pm$ 5% 1/10W	2
R130	16343909	Resistor - 4.7k Ω $\pm$ 5% 1/16W	1
REG1	14080916	Regulator - RH5RA40AB	1
TP9,10 16-19,23,24	11010429	Test Pin	8
VR1	16018249	Variable Resistor - 10k Ω 1/2W	1
XTL1	15030579	Oscillator - 9.52MHz	1
XTL2	15030499	Oscillator - 17.4315MHz	1
XTL3	15030539	Oscillator - 1335-B0-29.9867MHz	1
ZD1	14020682	Zener Diode - RD3.6MB	1
	H5203115B	Heat Sink	1
	H5203116A	Bracket	1
	09513006B	Philips Screw with Flat Washer - M3 $\times$ 3	1

Location	Part Number	Description	Q'ty/Unit
AR1-4,11	16012957	Resistor Array - 4.7k Ω $\pm$ 5%	5
AR12-20	16017720	Resistor Array - 0 Ω $\pm$ 5%	9
BAT1,2	12060068	Battery - ML2430-HS1	2
BZ1	15020049	Buzzer - CB-16BP-05D	1
C1	16041591	Capacitor - 16V 220 μ F $\pm$ 20%	1
C2,5	16042009	Capacitor - 35V 100 μ F $\pm$ 20%	2
C3,4,6-9	16041673	Capacitor - 16V 100 μ F $\pm$ 20%	6
C10	16041871	Capacitor - 16V 10 μ F $\pm$ 20%	1
C11,14,17 23,24,27,28 30,31,33-36 38,40-43,47 52,55-57,58 59,60-63,67 -70,73-81,83 -85,88,89,91 -98,100,104 105,109-112 114,116,117 120	16061140	Capacitor - 25V 0.1 μ F +80%-20%	66
C20	16050327	Capacitor - 50V 680pF $\pm$ 5%	1
C25	16050724	Capacitor - 50V 510pF $\pm$ 5%	1
C26	16050723	Capacitor - 50V 2000pF $\pm$ 5%	1
C29,113	16050643	Capacitor - 25V 0.1pF $\pm$ 10%	2
C37,39,48-49	16050723	Capacitor - 50V 2000pF $\pm$ 5%	4
C64,66,87 99,101,102 119	16050283	Capacitor - 16V 1 μ F +80%-20%	7
C71,72	16050839	Capacitor - 50V 1000pF $\pm$ 5%	2
C86	16050233	Capacitor - 50V 15pF $\pm$ 5%	1
CN100	11026549	Connector - 60P	1
CN101	11026550	Connector - 60P	1
CN102	11025386	Connector - 80P	1
CN103	11024819	Connector - 22P	1
CN104	11024204	Connector - 5P	1
CN106	11025916	Connector - 50P	1
CN107	H0817106	Connector - SD-5332-6011	1
CN108	11025525	Connector - 12P	1
CN109	11026618	Connector - 60P	1
CN110	11024201	Connector - 2P	1
CN122	11024207	Connector - 8P	1
D1-11,14,16	14010821	Diode - 1SS133	13
D15	14021097	Diode - ERA82	1

Location	Part Number	Description	Q'ty/Unit
FIL1,3,10,11	16070069	Filter - BL02RN2-R62	4
FIL2,6	16027083	Filter - TU10M	2
FIL4	16070725	Filter - TX9500NB	1
FIL5,7,9	16070730	Filter - ELKTH150GA	3
HIC2	H0827106A	IC - MHIC3	1
IC1	H5207408	IC - FCP16	1
IC2	H5207406	IC - QPCR	1
IC3	14080922	IC - R144EFX-PLCC	1
IC4,5	14074151	IC - HM514800LJP-8	2
IC6	14074262	IC - M66500FP	1
IC9	19010025	IC - DRAM-4M-256X16-80ns	1
IC10	11040589	IC Socket - 32P	1
IC10	H5207208	IC - MB832000A-20P-G-628	1
IC14	14073306	IC - TC74HC244AF	1
IC15,17,18 26,28	14080461	IC - NJM4558M	5
IC16,19	14073951	IC - MC14051BF	2
IC20	14073952	IC - MC14053BF	1
IC21	14080800	IC - RH5VA43CB	1
IC22	14073258	IC - TC74HC139AF	1
IC24,34	14073285	IC - TC74HC08AF	2
IC25	14073245	IC - TC74HC32AF	1
IC30	14073308	IC - TC74HC273AF	1
IC32	14080321	IC - LM386N-1	1
IC33	14073284	IC - TC74HC74AF	1
IC35	14072948	IC - TC7S04F	1
JP5	16320000	Resistor - 0 Ω $\pm$ 1% 1/10W	1
JP3,7,C51 R201,212 214-216	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	8
L4,6	16070677	Coil - SN-SBC4-100-292	2
L5,7	16070388	Coil - SN-SBC2-100-212	2
L8,9	16070424	Coil - SN-SBT-0240	2
Q1	14000589	Transistor - DTC124TK	1
Q2	14000586	Transistor - DTA115TK	1
Q3	14000479	Transistor - DTA114TK	1
Q4	14000595	Transistor - DTB123TK	1
Q5	14000591	Transistor - DTC113ZK	1
R1	16116202	Resistor - 2k Ω $\pm$ 5% 1/2W	1

Location	Part Number	Description	Q'ty/Unit
R3-5,9,10,12 -16,33-35,40 -42,46,47,63 -65,72-81,85 ,87,88,99 102-105,111 129,130,144 147,149,154 156,165-168 170,195,196 200,210	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	56
R11,32,114- 116,118-126 142,169,179 180,184,191	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	20
R17-21,44 45,51,70,117 143,175,181 182,186,190 192-194	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	19
R22,26,52	16303753	Resistor - 75k Ω $\pm$ 5% 1/10W	3
R23	16303203	Resistor - 20k Ω $\pm$ 5% 1/10W	1
R24	16303134	Resistor - 130k Ω $\pm$ 5% 1/10W	1
R25,28,37	16303152	Resistor - 1.5k Ω $\pm$ 5% 1/10W	3
R29	16303132	Resistor - 1.3k Ω $\pm$ 5% 1/10W	1
R30,38,71	16303102	Resistor - 1k Ω $\pm$ 5% 1/10W	3
R31	16303362	Resistor - 3.6k Ω $\pm$ 5% 1/10W	1
R36	16303821	Resistor - 820 Ω $\pm$ 5% 1/10W	1
R39	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	1
R53,98,127	16333652	Resistor - 36.5k Ω $\pm$ 1% 1/10W	3
R54,55	16333922	Resistor - 39.2k Ω $\pm$ 1% 1/10W	2
R56	16334322	Resistor - 43.2k Ω $\pm$ 1% 1/10W	1
R57	16334323	Resistor - 432k Ω $\pm$ 1% 1/10W	1
R58	16337872	Resistor - 78.7k Ω $\pm$ 1% 1/10W	1
R59	16334990	Resistor - 499 Ω $\pm$ 1% 1/10W	1
R60	16336980	Resistor - 698 Ω $\pm$ 1% 1/10W	1
R61	16338060	Resistor - 806 Ω $\pm$ 1% 1/10W	1
R62	16332001	Resistor - 2k Ω $\pm$ 1% 1/10W	1
R66	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	1
R67	16331301	Resistor - 1.3k Ω $\pm$ 1% 1/10W	1
R68	16332101	Resistor - 2.1k Ω $\pm$ 1% 1/10W	1
R69	16331621	Resistor - 1.62k Ω $\pm$ 1% 1/10W	1
R95	16337322	Resistor - 73.2k Ω $\pm$ 1% 1/10W	1
R96	16334023	Resistor - 402k Ω $\pm$ 1% 1/10W	1

Location	Part Number	Description	Q'ty/Unit
R97	16334022	Resistor - 40.2k Ω $\pm$ 1% 1/10W	1
R106-110	16303222	Resistor - 2.2k Ω $\pm$ 5% 1/10W	5
R128	16303275	Resistor - 2.7M Ω $\pm$ 5% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10 Ω	2
R135	16303302	Resistor - 3k Ω $\pm$ 5% 1/10W	1
R145,146	16303309	Resistor - 3 Ω $\pm$ 5% 1/10W	2
R150	16303104	Resistor - 100k Ω $\pm$ 5% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10 Ω	1
R152,174 183	16303471	Resistor - 470 Ω $\pm$ 5% 1/10W	3
R153	16331102	Resistor - 11k Ω $\pm$ 1% 1/10 Ω	1
R173	16303271	Resistor - 270 Ω $\pm$ 5% 1/10W	1
R185	16303364	Resistor - 360k Ω $\pm$ 5% 1/10W	1
R189	16303100	Resistor - 10 Ω $\pm$ 5% 1/10W	1
R197,198 201-206,213	16303151	Resistor - 150 Ω $\pm$ 5% 1/10W	9
R131	16333482	Resistor - 34.8k Ω $\pm$ 1% 1/10W	1
R132	16332322	Resistor - 23.2k Ω $\pm$ 1% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R148	16334531	Resistor - 4.53k Ω $\pm$ 1% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R155	16332152	Resistor - 21.5k Ω $\pm$ 1% 1/10W	1
REG1	14080227	Regulator - TA78L012AP	1
REG2	14080814	Regulator - TA79L005P	1
REG3	14080935	Regulator - RH5RL50A	1
TP1,2,14-21	11010429	Test Pin	10
VC1	16050437	Capacitor - 30pF	1
XTL1	15030550	Oscillator - TCO-711SHC-32.000MHz	1
XTL3	15030460	Oscillator - C-001R-32.768kHz	1
XTL4	15030551	Oscillator - TCO-711SHC-38.00053MHz	1
ZD1	14020299	Zener Diode - HZ5C1	1
ZD2	14020300	Zener Diode - HZ6B1	1
ZD3	14020238	Zener Diode - RD5.1E-B	1

Location	Part Number	Description	Q'ty/Unit
AR1-4,11	16012957	Resistor Array - 4.7k Ω $\pm$ 5%	5
AR12-20	16017720	Resistor Array - 0 Ω $\pm$ 5%	9
BAT1,2	12060068	Battery - ML2430-HS1	2
BZ1	15020049	Buzzer - CB-16BP-05D	1
C1	16041591	Capacitor - 16V 220 μ F $\pm$ 20%	1
C2,5	16042009	Capacitor - 35V 100 μ F $\pm$ 20%	2
C3,4,6-9	16041673	Capacitor - 16V 100 μ F $\pm$ 20%	6
C10	16041871	Capacitor - 16V 10 μ F $\pm$ 20%	1
C11,14,17 23,24,27,28 30,31,33-36 38,40-43,47 52,55-57,58 59,60-63,67 -70,73-81,83 -85,88,89,91 -98,100,104 105,109-112 114,116,117 120	16061140	Capacitor - 25V 0.1 μ F +80%-20%	66
C20	16050327	Capacitor - 50V 680pF $\pm$ 5%	1
C25	16050724	Capacitor - 50V 510pF $\pm$ 5%	1
C26	16050723	Capacitor - 50V 2000pF $\pm$ 5%	1
C29,113	16050643	Capacitor - 25V 0.1pF $\pm$ 10%	2
C37,39,48-49	16050723	Capacitor - 50V 2000pF $\pm$ 5%	4
C64,66,87 99,101,102 119	16050283	Capacitor - 16V 1 μ F +80%-20%	7
C71,72	16050839	Capacitor - 50V 1000pF $\pm$ 5%	2
C86	16050233	Capacitor - 50V 15pF $\pm$ 5%	1
CN100	11026549	Connector - 60P	1
CN101	11026550	Connector - 60P	1
CN102	11025386	Connector - 80P	1
CN103	11024819	Connector - 22P	1
CN104	11024204	Connector - 5P	1
CN106	11025916	Connector - 50P	1
CN107	H0817106	Connector - SD-5332-6011	1
CN108	11025525	Connector - 12P	1
CN109	11026618	Connector - 60P	1
CN110	11024201	Connector - 2P	1
CN122	11024207	Connector - 8P	1
D1-11,14,16	14010821	Diode - 1SS133	13
D15	14021242	Diode - RB721Q	1

Location	Part Number	Description	Q'ty/Unit
FIL1,3,10,11	16070069	Filter - BL02RN2-R62	4
FIL2,6	16027083	Filter - TU10M	2
FIL4	16070725	Filter - TX9500NB	1
FIL5,7,9	16070730	Filter - ELKTH150GA	3
HIC2	H0827106A	IC - MHIC3	1
IC1	H5207408	IC - FCP16	1
IC2	H5207406	IC - QPCR	1
IC3	14080922	IC - R144EFX-PLCC	1
IC4,5	14074151	IC - HM514800LJP-8	2
IC6	14074262	IC - M66500FP	1
IC9	19010025	IC - DRAM-4M-256X16-80ns	1
IC10	11040589	IC Socket - 32P	1
IC10	H5207208	IC - MB832000A-20P-G-628	1
IC14	14073306	IC - TC74HC244AF	1
IC15,17,18 26,28	14080461	IC - NJM4558M	5
IC16,19	14073951	IC - MC14051BF	2
IC20	14073952	IC - MC14053BF	1
IC21	14080800	IC - RH5VA43CB	1
IC22	14073258	IC - TC74HC139AF	1
IC24,34	14073285	IC - TC74HC08AF	2
IC25	14073245	IC - TC74HC32AF	1
IC30	14073308	IC - TC74HC273AF	1
IC32	14080321	IC - LM386N-1	1
IC33	14073284	IC - TC74HC74AF	1
IC35	14072948	IC - TC7S04F	1
JP5	16320000	Resistor - 0 Ω $\pm$ 1% 1/10W	1
JP3,7,C51 R201,212 214-216	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	8
L4,6	16070677	Coil - SN-SBC4-100-292	2
L5,7	16070388	Coil - SN-SBC2-100-212	2
L8,9	16070424	Coil - SN-SBT-0240	2
Q1	14000589	Transistor - DTC124TK	1
Q2	14000586	Transistor - DTA115TK	1
Q3	14000479	Transistor - DTA114TK	1
Q4	14000595	Transistor - DTB123TK	1
Q5	14000591	Transistor - DTC113ZK	1
R1	16116202	Resistor - 2k Ω $\pm$ 5% 1/2W	1

Location	Part Number	Description	Q'ty/Unit
R3-5,9,10,12 -16,33-35,40 -42,46,47,63 -65,72-81,85 ,87,88,99 102-105,111 129,130,144 147,149,154 156,165-168 170,195,196 200,210	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	56
R11,32,114- 116,118-126 142,169,179 180,184,191	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	20
R17-21,44 45,51,70,117 143,175,181 182,186,190 192-194	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	19
R22,26,52	16303753	Resistor - 75k Ω $\pm$ 5% 1/10W	3
R23	16303203	Resistor - 20k Ω $\pm$ 5% 1/10W	1
R24	16303134	Resistor - 130k Ω $\pm$ 5% 1/10W	1
R25,28,37	16303152	Resistor - 1.5k Ω $\pm$ 5% 1/10W	3
R29	16303132	Resistor - 1.3k Ω $\pm$ 5% 1/10W	1
R30,38,71	16303102	Resistor - 1k Ω $\pm$ 5% 1/10W	3
R31	16303362	Resistor - 3.6k Ω $\pm$ 5% 1/10W	1
R36	16303821	Resistor - 820 Ω $\pm$ 5% 1/10W	1
R39	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	1
R53,98,127	16333652	Resistor - 36.5k Ω $\pm$ 1% 1/10W	3
R54,55	16333922	Resistor - 39.2k Ω $\pm$ 1% 1/10W	2
R56	16334322	Resistor - 43.2k Ω $\pm$ 1% 1/10W	1
R57	16334323	Resistor - 432k Ω $\pm$ 1% 1/10W	1
R58	16337872	Resistor - 78.7k Ω $\pm$ 1% 1/10W	1
R59	16334990	Resistor - 499 Ω $\pm$ 1% 1/10W	1
R60	16336980	Resistor - 698 Ω $\pm$ 1% 1/10W	1
R61	16338060	Resistor - 806 Ω $\pm$ 1% 1/10W	1
R62	16332001	Resistor - 2k Ω $\pm$ 1% 1/10W	1
R66	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	1
R67	16331301	Resistor - 1.3k Ω $\pm$ 1% 1/10W	1
R68	16332101	Resistor - 2.1k Ω $\pm$ 1% 1/10W	1
R69	16331621	Resistor - 1.62k Ω $\pm$ 1% 1/10W	1
R95	16337322	Resistor - 73.2k Ω $\pm$ 1% 1/10W	1
R96	16334023	Resistor - 402k Ω $\pm$ 1% 1/10W	1

Location	Part Number	Description	Q'ty/Unit
R97	16334022	Resistor - 40.2k Ω $\pm$ 1% 1/10W	1
R106-110	16303222	Resistor - 2.2k Ω $\pm$ 5% 1/10W	5
R128	16303275	Resistor - 2.7M Ω $\pm$ 5% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10 Ω	2
R135	16303302	Resistor - 3k Ω $\pm$ 5% 1/10W	1
R145,146	16303309	Resistor - 3 Ω $\pm$ 5% 1/10W	2
R150	16303104	Resistor - 100k Ω $\pm$ 5% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10 Ω	1
R152,174 183	16303471	Resistor - 470 Ω $\pm$ 5% 1/10W	3
R153	16331102	Resistor - 11k Ω $\pm$ 1% 1/10 Ω	1
R173	16303271	Resistor - 270 Ω $\pm$ 5% 1/10W	1
R185	16303364	Resistor - 360k Ω $\pm$ 5% 1/10W	1
R189	16303100	Resistor - 10 Ω $\pm$ 5% 1/10W	1
R197,198 202-206,213	16303151	Resistor - 150 Ω $\pm$ 5% 1/10W	8
R131	16333482	Resistor - 34.8k Ω $\pm$ 1% 1/10W	1
R132	16332322	Resistor - 23.2k Ω $\pm$ 1% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R148	16334531	Resistor - 4.53k Ω $\pm$ 1% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R155	16332152	Resistor - 21.5k Ω $\pm$ 1% 1/10W	1
REG1	14080227	Regulator - TA78L012AP	1
REG2	14080814	Regulator - TA79L005P	1
REG3	14080935	Regulator - RH5RL50A	1
TP1,2,14-21	11010429	Test Pin	10
VC1	16050437	Capacitor - 30pF	1
XTL1	15030550	Oscillator - TCO-711SHC-32.000MHz	1
XTL3	15030460	Oscillator - C-001R-32.768kHz	1
XTL4	15030551	Oscillator - TCO-711SHC-38.00053MHz	1
ZD1	14020299	Zener Diode - HZ5C1	1
ZD2	14021241	Zener Diode - MTZJ 5.6A	1
ZD3	14020238	Zener Diode - RD5.1E-B	1

Location	Part Number	Description	Q'ty/Unit
AR1-4,11	16012957	Resistor Array - 4.7k Ω $\pm$ 5%	5
AR12-20	16017720	Resistor Array - 0 Ω $\pm$ 5%	9
BAT1,2	12060068	Battery - ML2430-HS1	2
BZ1	15020049	Buzzer - CB-16BP-05D	1
C1	16041591	Capacitor - 16V 220 μ F $\pm$ 20%	1
C2,5	16042009	Capacitor - 35V 100 μ F $\pm$ 20%	2
C3,4,6-9	16041673	Capacitor - 16V 100 μ F $\pm$ 20%	6
C10	16041871	Capacitor - 16V 10 μ F $\pm$ 20%	1
C11,14,17 23,24,27,28 30,31,33-36 38,40-43,47 52,55-57,58 59,60-63,67 -70,73-81,83 -85,88,89,91 -98,100,104 105,109-112 114,116,117 120	16061140	Capacitor - 25V 0.1 μ F +80%-20%	66
C20	16050327	Capacitor - 50V 680pF $\pm$ 5%	1
C25	16050724	Capacitor - 50V 510pF $\pm$ 5%	1
C26	16050723	Capacitor - 50V 2000pF $\pm$ 5%	1
C29,113	16050643	Capacitor - 25V 0.1pF $\pm$ 10%	2
C37,39,48-49	16050723	Capacitor - 50V 2000pF $\pm$ 5%	4
C64,66,87 99,101,102 119	16050283	Capacitor - 16V 1 μ F +80%-20%	7
C71,72	16050839	Capacitor - 50V 1000pF $\pm$ 5%	2
C86	16050233	Capacitor - 50V 15pF $\pm$ 5%	1
CN100	11026549	Connector - 60P	1
CN101	11026550	Connector - 60P	1
CN102	11025386	Connector - 80P	1
CN103	11024819	Connector - 22P	1
CN104	11024204	Connector - 5P	1
CN106	11025916	Connector - 50P	1
CN107	H0817106	Connector - SD-5332-6011	1
CN108	11025525	Connector - 12P	1
CN109	11026618	Connector - 60P	1
CN110	11024201	Connector - 2P	1
CN122	11024207	Connector - 8P	1
D1-11,14,16	14010821	Diode - 1SS133	13
D15	14021097	Diode - ERA82	1

Location	Part Number	Description	Q'ty/Unit
FIL1,3,10,11	16070069	Filter - BL02RN2-R62	4
FIL2,6	16027083	Filter - TU10M	2
FIL4	16070725	Filter - TX9500NB	1
FIL5,7,9	16070730	Filter - ELKTH150GA	3
HIC2	H0827141	IC - MHIC3	1
IC1	H5207408	IC - FCP16	1
IC2	H5207406	IC - QPCR	1
IC3	14080922	IC - R144EFX-PLCC	1
IC4,5	14074151	IC - HM514800LJP-8	2
IC6	14074262	IC - M66500FP	1
IC9	19010025	IC - DRAM-4M-256X16-80ns	1
IC10	11040589	IC Socket - 32P	1
IC10	H5207208	IC - MB832000A-20P-G-628	1
IC14	14073306	IC - TC74HC244AF	1
IC15,17,18 26,28	14080461	IC - NJM4558M	5
IC16,19	14073951	IC - MC14051BF	2
IC20	14073952	IC - MC14053BF	1
IC21	14080800	IC - RH5VA43CB	1
IC22	14073258	IC - TC74HC139AF	1
IC24,34	14073285	IC - TC74HC08AF	2
IC25	14073245	IC - TC74HC32AF	1
IC30	14073308	IC - TC74HC273AF	1
IC32	14080321	IC - LM386N-1	1
IC33	14073284	IC - TC74HC74AF	1
IC35	14072948	IC - TC7S04F	1
JP5	16320000	Resistor - 0Ω ±1% 1/10W	1
JP3,7,C51 R201,212 214-216	16330000	Resistor - 0Ω ±1% 1/10W	8
L4,6	16070677	Coil - SN-SBC4-100-292	2
L5,7	16070388	Coil - SN-SBC2-100-212	2
L8,9	16070424	Coil - SN-SBT-0240	2
Q1	14000589	Transistor - DTC124TK	1
Q2	14000586	Transistor - DTA115TK	1
Q3	14000479	Transistor - DTA114TK	1
Q4	14000595	Transistor - DTB123TK	1
Q5	14000591	Transistor - DTC113ZK	1
R1	16116202	Resistor - 2kΩ ±5% 1/2W	1

Location	Part Number	Description	Q'ty/Unit
R3-5,9,10 12-16,33-35 40-42,46,47 63-65,73,74 85,87,88,99 102-105,111 129,130,144 147,149,154 156,165-168 170,195,196 200,210	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	48
R11,32,114- 116,118-126 142,169,179 180,184,191	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	20
R17-21,44 45,51,70,117 143,175,181 182,186,190 192-194	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	19
R22,26,52	16303753	Resistor - 75k Ω $\pm$ 5% 1/10W	3
R23	16303203	Resistor - 20k Ω $\pm$ 5% 1/10W	1
R24	16303134	Resistor - 130k Ω $\pm$ 5% 1/10W	1
R25,28,37	16303152	Resistor - 1.5k Ω $\pm$ 5% 1/10W	3
R29	16303132	Resistor - 1.3k Ω $\pm$ 5% 1/10W	1
R30,38,71	16303102	Resistor - 1k Ω $\pm$ 5% 1/10W	3
R31	16303362	Resistor - 3.6k Ω $\pm$ 5% 1/10W	1
R36	16303821	Resistor - 820 Ω $\pm$ 5% 1/10W	1
R39	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	1
R53,98,127	16333652	Resistor - 36.5k Ω $\pm$ 1% 1/10W	3
R54,55	16333922	Resistor - 39.2k Ω $\pm$ 1% 1/10W	2
R56	16334322	Resistor - 43.2k Ω $\pm$ 1% 1/10W	1
R57	16334323	Resistor - 432k Ω $\pm$ 1% 1/10W	1
R58	16337872	Resistor - 78.7k Ω $\pm$ 1% 1/10W	1
R59	16334990	Resistor - 499 Ω $\pm$ 1% 1/10W	1
R60	16336980	Resistor - 698 Ω $\pm$ 1% 1/10W	1
R61	16338060	Resistor - 806 Ω $\pm$ 1% 1/10W	1
R62	16332001	Resistor - 2k Ω $\pm$ 1% 1/10W	1
R66	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	1
R67	16331301	Resistor - 1.3k Ω $\pm$ 1% 1/10W	1
R68	16332101	Resistor - 2.1k Ω $\pm$ 1% 1/10W	1
R69	16331621	Resistor - 1.62k Ω $\pm$ 1% 1/10W	1
R95	16337322	Resistor - 73.2k Ω $\pm$ 1% 1/10W	1
R96	16334023	Resistor - 402k Ω $\pm$ 1% 1/10W	1

Location	Part Number	Description	Q'ty/Unit
R97	16334022	Resistor - 40.2k Ω $\pm$ 1% 1/10W	1
R106-110	16303222	Resistor - 2.2k Ω $\pm$ 5% 1/10W	5
R128	16303275	Resistor - 2.7M Ω $\pm$ 5% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R135	16303302	Resistor - 3k Ω $\pm$ 5% 1/10W	1
R145,146	16303309	Resistor - 3 Ω $\pm$ 5% 1/10W	2
R150	16303104	Resistor - 100k Ω $\pm$ 5% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R72,75-81 152,174,183	16303471	Resistor - 470 Ω $\pm$ 5% 1/10W	11
R153	16331102	Resistor - 11k Ω $\pm$ 1% 1/10 Ω	1
R173	16303271	Resistor - 270 Ω $\pm$ 5% 1/10W	1
R185	16303364	Resistor - 360k Ω $\pm$ 5% 1/10W	1
R189	16303100	Resistor - 10 Ω $\pm$ 5% 1/10W	1
R197,198 201-206,213	16303151	Resistor - 150 Ω $\pm$ 5% 1/10W	9
R131	16333482	Resistor - 34.8k Ω $\pm$ 1% 1/10W	1
R132	16332322	Resistor - 23.2k Ω $\pm$ 1% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R148	16334531	Resistor - 4.53k Ω $\pm$ 1% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R155	16331742	Resistor - 17.4k Ω $\pm$ 1% 1/10W	1
REG1	14080227	Regulator - TA78L012AP	1
REG2	14080814	Regulator - TA79L005P	1
REG3	14080935	Regulator - RH5RL50A	1
TP1,2,14-21	11010429	Test Pin	10
VC1	16050437	Capacitor - 30pF	1
XTL3	15030460	Oscillator - C-001R-32.768kHz	1
XTL1	15030550	Oscillator - TCO-711SHC-32.000MHz	1
XTL4	15030551	Oscillator - TCO-711SHC-38.00053MHz	1
ZD1	14020299	Zener Diode - HZ5C1	1
ZD2	14020300	Zener Diode - HZ6B1	1
ZD3	14020238	Zener Diode - RD5.1E-B	1

Location	Part Number	Description	Q'ty/Unit
AR1-4,11	16012957	Resistor Array - 4.7k Ω $\pm$ 5%	5
AR12-20	16017720	Resistor Array - 0 Ω $\pm$ 5%	9
BAT1,2	12060068	Battery - ML2430-HS1	2
BZ1	15020049	Buzzer - CB-16BP-05D	1
C1	16041591	Capacitor - 16V 220 μ F $\pm$ 20%	1
C2,5	16042009	Capacitor - 35V 100 μ F $\pm$ 20%	2
C3,4,6-9	16041673	Capacitor - 16V 100 μ F $\pm$ 20%	6
C10	16041871	Capacitor - 16V 10 μ F $\pm$ 20%	1
C11,14,17 23,24,27,28 30,31,33-36 38,40-43,47 52,55-57,58 59,60-63,67 -70,73-81,83 -85,88,89,91 -98,100,104 105,109-112 114,116,117 120	16061140	Capacitor - 25V 0.1 μ F +80%-20%	66
C20	16050327	Capacitor - 50V 680pF $\pm$ 5%	1
C25	16050724	Capacitor - 50V 510pF $\pm$ 5%	1
C26	16050723	Capacitor - 50V 2000pF $\pm$ 5%	1
C29,113	16050643	Capacitor - 25V 0.1pF $\pm$ 10%	2
C37,39,48-49	16050723	Capacitor - 50V 2000pF $\pm$ 5%	4
C64,66,87 99,101,102 119	16050283	Capacitor - 16V 1 μ F +80%-20%	7
C71,72	16050839	Capacitor - 50V 1000pF $\pm$ 5%	2
C86	16050233	Capacitor - 50V 15pF $\pm$ 5%	1
CN100	11026549	Connector - 60P	1
CN101	11026550	Connector - 60P	1
CN102	11025386	Connector - 80P	1
CN103	11024819	Connector - 22P	1
CN104	11024204	Connector - 5P	1
CN106	11025916	Connector - 50P	1
CN107	H0817106	Connector - SD-5332-6011	1
CN108	11025525	Connector - 12P	1
CN109	11026618	Connector - 60P	1
CN110	11024201	Connector - 2P	1
CN122	11024207	Connector - 8P	1
D1-11,14,16	14010821	Diode - 1SS133	13
D15	14021242	Diode - RB721Q	1

Location	Part Number	Description	Q'ty/Unit
FIL1,3,10,11	16070069	Filter - BL02RN2-R62	4
FIL2,6	16027083	Filter - TU10M	2
FIL4	16070725	Filter - TX9500NB	1
FIL5,7,9	16070730	Filter - ELKTH150GA	3
HIC2	H0827141	IC - MHIC3	1
IC1	H5207408	IC - FCP16	1
IC2	H5207406	IC - QPCR	1
IC3	14080922	IC - R144EFX-PLCC	1
IC4,5	14074151	IC - HM514800LJP-8	2
IC6	14074262	IC - M66500FP	1
IC9	19010025	IC - DRAM-4M-256X16-80ns	1
IC10	11040589	IC Socket - 32P	1
IC10	H5207208	IC - MB832000A-20P-G-628	1
IC14	14073306	IC - TC74HC244AF	1
IC15,17,18 26,28	14080461	IC - NJM4558M	5
IC16,19	14073951	IC - MC14051BF	2
IC20	14073952	IC - MC14053BF	1
IC21	14080800	IC - RH5VA43CB	1
IC22	14073258	IC - TC74HC139AF	1
IC24,34	14073285	IC - TC74HC08AF	2
IC25	14073245	IC - TC74HC32AF	1
IC30	14073308	IC - TC74HC273AF	1
IC32	14080321	IC - LM386N-1	1
IC33	14073284	IC - TC74HC74AF	1
IC35	14072948	IC - TC7S04F	1
JP5	16320000	Resistor - 0 Ω $\pm$ 1% 1/10W	1
JP3,7,C51 R201,212 214-216	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	8
L4,6	16070677	Coil - SN-SBC4-100-292	2
L5,7	16070388	Coil - SN-SBC2-100-212	2
L8,9	16070424	Coil - SN-SBT-0240	2
Q1	14000589	Transistor - DTC124TK	1
Q2	14000586	Transistor - DTA115TK	1
Q3	14000479	Transistor - DTA114TK	1
Q4	14000595	Transistor - DTB123TK	1
Q5	14000591	Transistor - DTC113ZK	1
R1	16116202	Resistor - 2k Ω $\pm$ 5% 1/2W	1

Location	Part Number	Description	Q'ty/Unit
R3-5,9,10 12-16,33-35 40-42,46,47 63-65,73,74 85,87,88,99 102-105,111 129,130,144 147,149,154 156,165-168 170,195,196 200,210	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	48
R11,32,114- 116,118-126 142,169,179 180,184,191	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	20
R17-21,44 45,51,70,117 143,175,181 182,186,190 192-194	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	19
R22,26,52	16303753	Resistor - 75k Ω $\pm$ 5% 1/10W	3
R23	16303203	Resistor - 20k Ω $\pm$ 5% 1/10W	1
R24	16303134	Resistor - 130k Ω $\pm$ 5% 1/10W	1
R25,28,37	16303152	Resistor - 1.5k Ω $\pm$ 5% 1/10W	3
R29	16303132	Resistor - 1.3k Ω $\pm$ 5% 1/10W	1
R30,38,71	16303102	Resistor - 1k Ω $\pm$ 5% 1/10W	3
R31	16303362	Resistor - 3.6k Ω $\pm$ 5% 1/10W	1
R36	16303821	Resistor - 820 Ω $\pm$ 5% 1/10W	1
R39	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	1
R53,98,127	16333652	Resistor - 36.5k Ω $\pm$ 1% 1/10W	3
R54,55	16333922	Resistor - 39.2k Ω $\pm$ 1% 1/10W	2
R56	16334322	Resistor - 43.2k Ω $\pm$ 1% 1/10W	1
R57	16334323	Resistor - 432k Ω $\pm$ 1% 1/10W	1
R58	16337872	Resistor - 78.7k Ω $\pm$ 1% 1/10W	1
R59	16334990	Resistor - 499 Ω $\pm$ 1% 1/10W	1
R60	16336980	Resistor - 698 Ω $\pm$ 1% 1/10W	1
R61	16338060	Resistor - 806 Ω $\pm$ 1% 1/10W	1
R62	16332001	Resistor - 2k Ω $\pm$ 1% 1/10W	1
R66	16331001	Resistor - 1k Ω $\pm$ 1% 1/10W	1
R67	16331301	Resistor - 1.3k Ω $\pm$ 1% 1/10W	1
R68	16332101	Resistor - 2.1k Ω $\pm$ 1% 1/10W	1
R69	16331621	Resistor - 1.62k Ω $\pm$ 1% 1/10W	1
R95	16337322	Resistor - 73.2k Ω $\pm$ 1% 1/10W	1
R96	16334023	Resistor - 402k Ω $\pm$ 1% 1/10W	1

Location	Part Number	Description	Q'ty/Unit
R97	16334022	Resistor - 40.2k Ω $\pm$ 1% 1/10W	1
R106-110	16303222	Resistor - 2.2k Ω $\pm$ 5% 1/10W	5
R128	16303275	Resistor - 2.7M Ω $\pm$ 5% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R135	16303302	Resistor - 3k Ω $\pm$ 5% 1/10W	1
R145,146	16303309	Resistor - 3 Ω $\pm$ 5% 1/10W	2
R150	16303104	Resistor - 100k Ω $\pm$ 5% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R72,75-81 152,174,183	16303471	Resistor - 470 Ω $\pm$ 5% 1/10W	11
R153	16331102	Resistor - 11k Ω $\pm$ 1% 1/10 Ω	1
R173	16303271	Resistor - 270 Ω $\pm$ 5% 1/10W	1
R185	16303364	Resistor - 360k Ω $\pm$ 5% 1/10W	1
R189	16303100	Resistor - 10 Ω $\pm$ 5% 1/10W	1
R197,198 202-206,213	16303151	Resistor - 150 Ω $\pm$ 5% 1/10W	8
R131	16333482	Resistor - 34.8k Ω $\pm$ 1% 1/10W	1
R132	16332322	Resistor - 23.2k Ω $\pm$ 1% 1/10W	1
R133,134	16338662	Resistor - 86.6k Ω $\pm$ 1% 1/10W	2
R148	16334531	Resistor - 4.53k Ω $\pm$ 1% 1/10W	1
R151	16334752	Resistor - 47.5k Ω $\pm$ 1% 1/10W	1
R155	16331742	Resistor - 17.4k Ω $\pm$ 1% 1/10W	1
REG1	14080227	Regulator - TA78L012AP	1
REG2	14080814	Regulator - TA79L005P	1
REG3	14080935	Regulator - RH5RL50A	1
TP1,2,14-21	11010429	Test Pin	10
VC1	16050437	Capacitor - 30pF	1
XTL3	15030460	Oscillator - C-001R-32.768kHz	1
XTL1	15030550	Oscillator - TCO-711SHC-32.000MHz	1
XTL4	15030551	Oscillator - TCO-711SHC-38.00053MHz	1
ZD1	14020299	Zener Diode - HZ5C1	1
ZD2	14021241	Zener Diode - MTZJ 5.6A	1
ZD3	14020238	Zener Diode - RD5.1E-B	1

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G4 Fax Control Board Part Number: H082 6034C

Location	Part Number	Description	Q'ty/Unit
AR3,4	16017527	Resistor Array - 10k Ω $\pm$ 5%	2
C5	16041790	Capacitor - 25V 10uF $\pm$ 20%	1
C7	16042292	Capacitor - 35V 220uF $\pm$ 20%	1
C9,10,11,13 14,17,18,21 23,25-33,35 37,38,40,41 44,45,47,48 56,73,75,76 77,80	16061140	Capacitor - 25V 0.1uF +80,-20%	33
C12,34,36 39,43,78,79 81	16050283	Capacitor - 16V 1uF +80,-20%	8
C49	16050362	Capacitor - 50V 0.01uF $\pm$ 5%	1
C51,53	16050397	Capacitor - 0.1uF $\pm$ 10%	2
C70	16041453	Capacitor - 16V 470uF $\pm$ 20%	1
CN1	11025917	Connector - 8800050170L	1
CN2	11025480	Connector - 95003-2881	1
D2,4-8 10-13	14020942	Diode - 1SS184	10
FIL1,2	16070069	Filter - BL02RN2-R62	2
IC7	H0827102	IC - CIIF(MB605981)	1
IC8	H0827118F	IC - CIG4-SV-1	1
IC8,9	11040451	IC Socket - 32P	2
IC9	H0827119F	IC - CIG4-SV-2	1
IC1	14074010	IC - PEB2085V2.3	1
IC5	14073995	IC - T7121EC	1
IC6	14074176	IC - N80C186	1
IC10	14072933	IC - MB89259APF	1
IC11,12	H0827162A	IC - SRAM-CIG4	2
IC13	14073555	IC - MB86431PF	1
IC14	14072929	IC - MB8421-910LPFQ	1
IC16	14073285	IC - TC74HC08AF	1
IC17,21	14073284	IC - TC74HC74AF	2
IC18	14072464	IC - SN74ALS74NS	1
IC19	14073150	IC - TC74HC20AF	1
IC22	14072817	IC - SN74ALS32NS	1
IC23,28,34	14073257	IC - TC74HC14AF	3
IC25,36	14073245	IC - TC74HC32AF	2
IC27	14073254	IC - TC74HC4075AF	1
IC29	14073282	IC - TC74HC138AF	1
IC30	14073308	IC - TC74HC273AF	1
IC33	14073313	IC - TC74HC175AF	1
IC35	14073259	IC - TC74HC125AF	1

G4 Fax Control Board Part Number: H082 6034C

Location	Part Number	Description	Q'ty/Unit
IC39	14074071	IC - SN74ALS241ANS	1
JP5,6,9	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	3
L1	16070561	Filter - ST-104A4	3
L2	16070388	Coil - SBC2-100-212	1
LED1-4	14030613	LED - BR1101W	4
LED5,6	14030653	LED - BG1101W	2
R1,4,5,7-23 38,39,41-47 50-53,55,57 58,59,61,63 64,66-69,84- 87,89-98,100 -102,111,113 -117,139	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	68
R33	16336200	Resistor - 620 Ω $\pm$ 1% 1/10W	1
R34,35	16331002	Resistor - 10k Ω $\pm$ 1% 1/10W	2
R49,132	16303101	Resistor - 100k Ω $\pm$ 5% 1/10W	1
R62	16345609	Resistor - 56 Ω $\pm$ 5% 1/10W	1
R72-75,77 79	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	6
R81	16339101	Resistor - 9.1k Ω $\pm$ 1% 1/10W	1
R82,83	16332709	Resistor - 27 Ω $\pm$ 1% 1/10W	2
R123	16323900	Resistor - 390 Ω $\pm$ 1% 1/8W	1
R126,127 137	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	3
R131,133- 136	16344701	Resistor - 4.7k Ω $\pm$ 5% 1/10W	5
REG1	14080980	Regulator - SC17711YBA	1
REG2	14080981	Regulator - SI-8201L	1
T1,2	16070637	Transform - 76SE	1
XTL3	15030244	Oscillator - AT51 3.579545MHz	1
XTL1	15030449	Oscillator - 1329-B1 15.36MHz	1
ZD1,2	14021111	Zener Diode - HZM5.1NB2	2
ZNR1-4	14040191	Varistor - TNR7G271K	4

G4 Fax Control Board Part Number: H082 6034D

Location	Part Number	Description	Q'ty/Unit
AR3,4	16017527	Resistor Array - 10k Ω $\pm$ 5%	2
C5	16041790	Capacitor - 25V 10uF $\pm$ 20%	1
C7	16042292	Capacitor - 35V 220uF $\pm$ 20%	1
C9,10,11,13 14,17,18,21 23,25-33,35 37,38,40,41 44,45,47,48 56,73,75,76 77,80	16061140	Capacitor - 25V 0.1uF +80,-20%	33
C12,34,36 39,43,78,79 81	16050283	Capacitor - 16V 1uF +80,-20%	8
C49	16050362	Capacitor - 50V 0.01uF $\pm$ 5%	1
C51,53	16050397	Capacitor - 0.1uF $\pm$ 10%	2
C70	16041453	Capacitor - 16V 470uF $\pm$ 20%	1
CN1	11025917	Connector - 8800050170L	1
CN2	11025480	Connector - 95003-2881	1
D2,4-8 10-13	14020942	Diode - 1SS184	10
FIL1,2	16070069	Filter - BL02RN2-R62	2
IC7	H0827102	IC - CIIF(MB605981)	1
IC8	H0827118F	IC - CIG4-SV-1	1
IC8,9	11040451	IC Socket - 32P	2
IC9	H0827119F	IC - CIG4-SV-2	1
IC1	14074010	IC - PEB2085V2.3	1
IC5	14073995	IC - T7121EC	1
IC6	14074176	IC - N80C186	1
IC10	14072933	IC - MB89259APF	1
IC11,12	H0827162A	IC - SRAM-CIG4	2
IC13	14073555	IC - MB86431PF	1
IC14	14072929	IC - MB8421-910LPFQ	1
IC16	14073285	IC - TC74HC08AF	1
IC17,21	14073284	IC - TC74HC74AF	2
IC18	14072464	IC - SN74ALS74NS	1
IC19	14073150	IC - TC74HC20AF	1
IC22	14072817	IC - SN74ALS32NS	1
IC23,28,34	14073257	IC - TC74HC14AF	3
IC25,36	14073245	IC - TC74HC32AF	2
IC27	14073254	IC - TC74HC4075AF	1
IC29	14073282	IC - TC74HC138AF	1
IC30	14073308	IC - TC74HC273AF	1
IC33	14073313	IC - TC74HC175AF	1
IC35	14073259	IC - TC74HC125AF	1

G4 Fax Control Board Part Number: H082 6034D

Location	Part Number	Description	Q'ty/Unit
IC39	14074071	IC - SN74ALS241ANS	1
JP5,6,9	16330000	Resistor - 0Ω ±1% 1/10W	3
L1	16070561	Filter - ST-104A4	3
L2	16070388	Coil - SBC2-100-212	1
LED1-4	14030613	LED - BR1101W	4
LED5,6	14030653	LED - BG1101W	2
R1,4,5,7-23 38,39,41-47 50-53,55,57 58,59,61,63 64,66-69,84- 87,89-98,100 -102,111,113 -117,139	16303103	Resistor - 10kΩ ±5% 1/10W	68
R33	16336200	Resistor - 620Ω ±1% 1/10W	1
R34,35	16331002	Resistor - 10kΩ ±1% 1/10W	2
R49,132	16303101	Resistor - 100kΩ ±5% 1/10W	1
R62	16345609	Resistor - 56Ω ±5% 1/10W	1
R72-75,77 79	16303681	Resistor - 680Ω ±5% 1/10W	6
R81	16339101	Resistor - 9.1kΩ ±1% 1/10W	1
R82,83	16332709	Resistor - 27Ω ±1% 1/10W	2
R123	16323900	Resistor - 390Ω ±1% 1/8W	1
R126,127 137	16303472	Resistor - 4.7kΩ ±5% 1/10W	3
R131,133- 136	16344701	Resistor - 4.7kΩ ±5% 1/10W	5
REG1	14080980	Regulator - SC17711YBA	1
REG2	14080981	Regulator - SI-8201L	1
T1,2	16070637	Transform - 76SE	1
XTL3	15030244	Oscillator - AT51 3.579545MHz	1
XTL1	15030449	Oscillator - 1329-B1 15.36MHz	1
ZD1,2	14021111	Zener Diode - HZM5.1NB2	2
ZNR1-4	14040191	Varistor - TNR7G271K	4
	16114100	Resistor - 10Ω ±5% 1/4W	1
	16431100	Capacitor - 10 μF 16V	1

G4 Fax Control Board Part Number: H082 6035B

Location	Part Number	Description	Q'ty/Unit
AR3,4	16017527	Resistor Array - 10k Ω $\pm$ 5%	2
C5	16041790	Capacitor - 25V 10uF $\pm$ 20%	1
C7	16403221	Capacitor - 35V 220uF $\pm$ 20%	1
C9-11,13,14 17,18,21,23 25-33,35,37 38,40,41,44 45,47,48,56 73,75-77,80	16051140	Capacitor - 25V 0.01uF +80,-20%	33
C12,34,36 39,43,78,79 81	16050283	Capacitor - 16V 1uF +80,-20%	8
C49	16050362	Capacitor - 50V 0.01uF $\pm$ 5%	1
C51,53	16050397	Capacitor - 0.01uF $\pm$ 10%	2
C70	16041453	Capacitor - 16V 470uF $\pm$ 20%	1
C74	16050310	Capacitor - 50V 0.01uF $\pm$ 10%	1
CN1	11025917	Connector - 8800050170L	1
CN2	11025480	Connector - 95003-2881	1
CN5	H0825114A	Grounding Wire - FCU-CIG4	1
D2,4-8 10-13	14020942	Diode - 1SS193	10
FIL1,2	16070069	Filter - BL02RN2-R62	2
IC1	14074010	IC - PEB2085V2.3	1
IC5	14073995	IC - T712EC	1
IC6	14074176	IC - N80C186	1
IC7	H0827102	IC - CIIF(MB605981)	1
IC8	H0827164	IC - ROM-CIG4-SV-EUR-1	1
IC8,9	11040451	IC Socket - 32P	2
IC9	H0827165	IC - ROM-CIG4-SV-EUR-2	1
IC10	14072933	IC - MB89259APF	1
IC11,12	H0827162A	IC - SRAM CIG4	2
IC13	14073555	IC - MB86431PF	1
IC14	14072929	IC - RAM-MB8421-90LPFQ	1
IC16	14073285	IC - TC74HC08AF	1
IC17,21	14073284	IC - TC74HC74AF	2
IC18	14072464	IC - SN74ALS74NS	1
IC19	14073150	IC - TC74HC20AF	1
IC22	14072817	IC - SN74ALS32NS	1
IC23,28,34	14073257	IC - TC74HC14AF	3
IC25,36	14073245	IC - TC74HC32AF	2
IC27	14073254	IC - TC74HC4075AF	1
IC29	14073282	IC - TC74HC138AF	1
IC30	14073308	IC - TC74HC273AF	1
IC33	14073313	IC - TC74HC175AF	1

G4 Fax Control Board Part Number: H082 6035B

Location	Part Number	Description	Q'ty/Unit
IC35	14073259	IC - TC74HC125AF	1
IC37	H0827128	IC - PST611R	1
IC39	14074071	IC - SN74ALS241ANS	1
JP5,6,9	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	3
L1	16070561	Coil - ST-104A4	1
L2	16070388	Coil - SBC-100-212	1
LED1-4	14030613	LED - BR1101W	4
LED5,6	14030653	LED - BG1101W	2
PC1	H0827140	Photocoupler - PS2566L-1	1
REG1	14080980	Regulator - SC17711YBA	1
REG2	14080981	Regulator - SI-8201L	1
T1,2	16070678	Transformer - ZKB409/711	2
TB1	11010353	Jumper Chip - DIC-128	2
TB1	11010377	Receptacle - DIC-152-6P	1
R1,4,5,7-23 38,39,41-47 50-53,55,57 -59,61,63,64 66-69,84-87 89-98,100- 102,111 113-116,139	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	67
R33	16336200	Resistor - 620 Ω $\pm$ 1% 1/10W	1
R34,35	16331002	Resistor - 10k Ω $\pm$ 5% 1/10W	2
R49,132	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	2
R62	16345609	Resistor - 56 Ω $\pm$ 1% 1/16W	1
R72-75,77 79	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	6
R81	16339101	Resistor - 9.1k Ω $\pm$ 1% 1/10W	1
R82,83	16333309	Resistor - 33 Ω $\pm$ 1% 1/10W	2
R117	16303105	Resistor - 1M Ω $\pm$ 5% 1/10W	1
R118	16303202	Resistor - 2k Ω $\pm$ 5% 1/10W	1
R119,120	16323003	Resistor - 300k Ω $\pm$ 1% 1/10W	2
R121	16336802	Resistor - 68k Ω $\pm$ 1% 1/10W	1
R122	16336202	Resistor - 62k Ω $\pm$ 1% 1/10W	1
R123	16323900	Resistor - 390 Ω $\pm$ 1% 1/8W	1
R126,127 137	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	3
R131,133- 136	16344701	Resistor - 4.7k Ω $\pm$ 5% 1/16W	5
XTL3	15030449	Oscillator - AT51 3.579545MHz	1
XTL1	15030449	Oscillator - 1329-B1 15.36MHz	1
ZD1,2	14021111	Zener Diode - HZM5.1NB2	2
ZNR1-5	14040191	Varistor - TNR7G271K	5

G4 Fax Control Board Part Number: H082 6035C

Location	Part Number	Description	Q'ty/Unit
AR3,4	16017527	Resistor Array - 10k Ω $\pm$ 5%	2
C5	16041790	Capacitor - 25V 10uF $\pm$ 20%	1
C7	16403221	Capacitor - 35V 220uF $\pm$ 20%	1
C9-11,13,14 17,18,21,23 25-33,35,37 38,40,41,44 45,47,48,56 73,75-77,80	16051140	Capacitor - 25V 0.01uF +80,-20%	33
C12,34,36 39,43,78,79 81	16050283	Capacitor - 16V 1uF +80,-20%	8
C49	16050362	Capacitor - 50V 0.01uF $\pm$ 5%	1
C51,53	16050397	Capacitor - 0.01uF $\pm$ 10%	2
C70	16041453	Capacitor - 16V 470uF $\pm$ 20%	1
C74	16050310	Capacitor - 50V 0.01uF $\pm$ 10%	1
CN1	11025917	Connector - 8800050170L	1
CN2	11025480	Connector - 95003-2881	1
CN5	H0825114A	Grounding Wire - FCU-CIG4	1
D2,4-8 10-13	14020942	Diode - 1SS193	10
FIL1,2	16070069	Filter - BL02RN2-R62	2
IC1	14074010	IC - PEB2085V2.3	1
IC5	14073995	IC - T712EC	1
IC6	14074176	IC - N80C186	1
IC7	H0827102	IC - CIIF(MB605981)	1
IC8	H0827164	IC - ROM-CIG4-SV-EUR-1	1
IC8,9	11040451	IC Socket - 32P	2
IC9	H0827165	IC - ROM-CIG4-SV-EUR-2	1
IC10	14072933	IC - MB89259APF	1
IC11,12	H0827162A	IC - SRAM CIG4	2
IC13	14073555	IC - MB86431PF	1
IC14	14072929	IC - RAM-MB8421-90LPFQ	1
IC16	14073285	IC - TC74HC08AF	1
IC17,21	14073284	IC - TC74HC74AF	2
IC18	14072464	IC - SN74ALS74NS	1
IC19	14073150	IC - TC74HC20AF	1
IC22	14072817	IC - SN74ALS32NS	1
IC23,28,34	14073257	IC - TC74HC14AF	3
IC25,36	14073245	IC - TC74HC32AF	2
IC27	14073254	IC - TC74HC4075AF	1
IC29	14073282	IC - TC74HC138AF	1
IC30	14073308	IC - TC74HC273AF	1
IC33	14073313	IC - TC74HC175AF	1

G4 Fax Control Board Part Number: H082 6035C

Location	Part Number	Description	Q'ty/Unit
IC35	14073259	IC - TC74HC125AF	1
IC37	H0827128	IC - PST611R	1
IC39	14074071	IC - SN74ALS241ANS	1
JP5,6,9	16330000	Resistor - 0 Ω $\pm$ 1% 1/10W	3
L1	16070561	Coil - ST-104A4	1
L2	16070388	Coil - SBC-100-212	1
LED1-4	14030613	LED - BR1101W	4
LED5,6	14030653	LED - BG1101W	2
PC1	H0827140	Photocoupler - PS2566L-1	1
REG1	14080980	Regulator - SC17711YBA	1
REG2	14080981	Regulator - SI-8201L	1
T1,2	16070678	Transformer - ZKB409/711	2
TB1	11010353	Jumper Chip - DIC-128	2
TB1	11010377	Receptacle - DIC-152-6P	1
R1,4,5,7-23 38,39,41-47 50-53,55,57 -59,61,63,64 66-69,84-87 89-98,100- 102,111 113-116,139	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	67
R33	16336200	Resistor - 620 Ω $\pm$ 1% 1/10W	1
R34,35	16331002	Resistor - 10k Ω $\pm$ 5% 1/10W	2
R49,132	16303101	Resistor - 100 Ω $\pm$ 5% 1/10W	2
R62	16345609	Resistor - 56 Ω $\pm$ 1% 1/16W	1
R72-75,77 79	16303681	Resistor - 680 Ω $\pm$ 5% 1/10W	6
R81	16339101	Resistor - 9.1k Ω $\pm$ 1% 1/10W	1
R82,83	16333309	Resistor - 33 Ω $\pm$ 1% 1/10W	2
R117	16303105	Resistor - 1M Ω $\pm$ 5% 1/10W	1
R118	16303202	Resistor - 2k Ω $\pm$ 5% 1/10W	1
R119,120	16323003	Resistor - 300k Ω $\pm$ 1% 1/10W	2
R121	16336802	Resistor - 68k Ω $\pm$ 1% 1/10W	1
R122	16336202	Resistor - 62k Ω $\pm$ 1% 1/10W	1
R123	16323900	Resistor - 390 Ω $\pm$ 1% 1/8W	1
R126,127 137	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	3
R131,133- 136	16344701	Resistor - 4.7k Ω $\pm$ 5% 1/16W	5
XTL3	15030449	Oscillator - AT51 3.579545MHz	1
XTL1	15030449	Oscillator - 1329-B1 15.36MHz	1
ZD1,2	14021111	Zener Diode - HZM5.1NB2	2
ZNR1-5	14040191	Varistor - TNR7G271K	5

G4 Fax Control Board Part Number: H082 6035C[illegible]

Location	Part Number	Description	Q'ty/Unit
C1	16041382	Capacitor - 50V 10 μ F	1
C2,4	16042349	Capacitor - 35V 4.7 μ F $\pm$ 20%	2
C3	16042454	Capacitor - 50V 1000 μ F	1
C5	16042215	Capacitor - 16V 330 μ F	1
C6-14,16,18 19	16050636	Capacitor - 50V 0.1 μ F	12
C17,20-22 24-26	16061139	Capacitor - 0.01 μ F $\pm$ 20%	7
CN100	11022991	Connector - 2P-B2P-VH	1
CN110	11025887	Connector - B3B-PH-K-WS	1
CN111	11031542	Connector - 3P	1
CN112	11031392	Connector - 3P	1
CN113	11031769	Connector - 3P	1
CN114	11031726	Connector - 4P	1
CN115	11024201	Connector - 2P	1
CN116	11031768	Connector - 2P	1
CN117	11020901	Connector - 2P	1
CN118	11025718	Connector - 178670-1-AMP	1
CN119	11024202	Connector - 3P	1
CN120	11024203	Connector - 4P	1
CN121	11024619	Connector - 2P	1
D1-3	14020247	Diode - W06B 100V 0.75A	3
D5-8	14020667	Diode - RK34	4
D4,9	14010611	Diode - 1S1588	2
F1	11070751	Fuse - 4A 250V	1
	11040333	Fuse Holder - SN5057	2
JP1,4,5	16310000	Resistor - 0 Ω 1/4W	3
IC1	14080827	IC - TA8429H	1
IC2	14071964	IC - TD62304AP	1
IC3	H5207391A	IC - Programmed ROM - ADF	1
IC3	11040588	IC Socket - 28P	1
IC4	14073410	IC - μ PD78C10ACW	1
IC5	14080408	IC - PST518A	1
IC6	14080638	IC - NJM7805FA	1
IC7	14071882	IC - SN74LS373NS	1
IC8	14073696	IC - TC74HC4050AF	1
IC9	14073285	IC - TC74HC08AF	1
L1	16020953	Coil - 800 μ H 2.5A	1
R1-3	16001033	Resistor - 2k Ω 1W	3
R5	16000161	Resistor - 50 Ω 5W	1
R6,8,9,11-14 16,17,19-31 49-51	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	25
R7,32,44	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	3

Part Number: H520 6190A9

Location	Part Number	Description	Q'ty/Unit
C1	16041382	Capacitor - 50V 10 μ F	1
C2,4	16042349	Capacitor - 35V 4.7 μ F $\pm$ 20%	2
C3	16042454	Capacitor - 50V 1000 μ F	1
C5	16042215	Capacitor - 16V 330 μ F	1
C6-14,16,18 19	16050636	Capacitor - 50V 0.1 μ F	12
C17,20-22 24-26	16061139	Capacitor - 0.01 μ F $\pm$ 20%	7
CN100	11022991	Connector - 2P-B2P-VH	1
CN110	11025887	Connector - B3B-PH-K-WS	1
CN111	11031542	Connector - 3P	1
CN112	11031392	Connector - 3P	1
CN113	11031769	Connector - 3P	1
CN114	11031726	Connector - 4P	1
CN115	11024201	Connector - 2P	1
CN116	11031768	Connector - 2P	1
CN117	11020901	Connector - 2P	1
CN118	11025718	Connector - 178670-1-AMP	1
CN119	11024202	Connector - 3P	1
CN120	11024203	Connector - 4P	1
CN121	11024619	Connector - 2P	1
D1-3	14020247	Diode - W06B 100V 0.75A	3
D5-8	14020667	Diode - RK34	4
D4,9	14010611	Diode - 1S1588	2
F1	11070751	Fuse - 4A 250V	1
	11040333	Fuse Holder - SN5057	2
JP1,4,5	16310000	Resistor - 0 Ω 1/4W	3
IC1	14080827	IC - TA8429H	1
IC2	14071964	IC - TD62304AP	1
IC3	H5207391B	IC - Programmed ROM - ADF	1
IC3	11040588	IC Socket - 28P	1
IC4	14073410	IC - μ PD78C10ACW	1
IC5	14080408	IC - PST518A	1
IC6	14080638	IC - NJM7805FA	1
IC7	14071882	IC - SN74LS373NS	1
IC8	14073696	IC - TC74HC4050AF	1
IC9	14073285	IC - TC74HC08AF	1
L1	16020953	Coil - 800 μ H 2.5A	1
R1-3	16001033	Resistor - 2k Ω 1W	3
R5	16000161	Resistor - 50 Ω 5W	1
R6,8,9,11-14 16,17,19-31 49-51	16303103	Resistor - 10k Ω $\pm$ 5% 1/10W	25
R7,32,44	16303472	Resistor - 4.7k Ω $\pm$ 5% 1/10W	3

Part Number: H520 6190B9

Location	Part Number	Description	Q'ty/Unit
C100,101 104	16041386	Capacitor - 50V 100 μ F	3
C102,103	16061418	Capacitor - 50V 100000pF +80%-20%	2
C105	16061664	Capacitor - 2200pF	1
C106,C108 ~112	16060998	Capacitor - 50V 0.01 μ F	6
C107	16041382	Capacitor - 50V 10 μ F	1
CN100	11025552	Connector - 16P	1
CN101	11024206	Connector - 7P	1
CN102	11024632	Connector - 3P	1
CN103	11024207	Connector - 8P	1
CN104	11024205	Connector - 6P	1
CN105	11024208	Connector - 9P	1
CN106	11024201	Connector - 2P	1
IC100	14080547	IC - NJM2904S	1
IC101	14080839	IC - STK6712BMK3	1
IC102	14071964	IC - TD62304AP	1
IC103	14073094	IC - TC74MC00AP	1
IC105	14080828	IC - TA8415P	1
JP100~132	10020307	Jumper Wire	0.52M
PC104	14071789	IC - μ PC393C	1
Q100	14000072	Transistor - 2SC1815Y	1
R100~103 R116~119 R122	16114472	Resistor - 4.7k Ω 1/4W	9
R104	16114104	Resistor - 100k Ω 1/4W	1
R105~107	16114513	Resistor - 51k Ω 1/4W	3
R108	16114682	Resistor - 6.8k Ω 1/4W	1
R109,112 123,124	16114473	Resistor - 47k Ω 1/4W	4
R110	16114391	Resistor - 390 Ω 1/4W	1
R111	16114223	Resistor - 22k Ω 1/4W	1
R113	16114202	Resistor - 2k Ω 1/4W	1
R114,115	16114103	Resistor - 10k Ω 1/4W	2
R120	16114153	Resistor - 15k Ω 1/4W	1
R121	16114243	Resistor - 24k Ω 1/4W	1
VR100	16018138	Variable Resistor - 30k Ω 0.5W	1

Bank Interface Board

Part Number: A394 5100

[illegible]

Duplex Motor Board Part Number: A396 5101A

Location	Part Number	Description	Q'ty/Unit
C600	16041386	Capacitor - 100 μ F 50V	1
C601,604 610	16060658	Capacitor - 0.1 μ F 50V	3
C602,611 612,619	16061330	Capacitor - 470 pF 50V	4
C603,609	16041367	Capacitor - 100 μ F 25V	2
C605,606	16061307	Capacitor - 22 pF 50V	2
C607,608 614,617,618	16061336	Capacitor - 0.01 μ F 50V	5
C613	16041784	Capacitor - 10 μ F 50V	1
C615,616	16061333	Capacitor - 2200 pF 50V	2
CN600	11024497	Connector - 13P	1
CN601	11024206	Connector - 7P	1
CN602	11024205	Connector - 6P	1
CN603	11024201	Connector - 2P	1
FL600,601	16027032	Filter - EMI-2200pF	2
IC600	A3965151	IC - OTPROM	1
IC601	14073708	IC - SLA7026M	1
IC602	14074110	IC - HD74LS06P	1
JP600~633	10020307	Jumper	34
OSC600	15030504	Oscillator - TQC-246C-6R-3.6864MHz	1
PC600	14030337	Photocoupler - PC847	1
PC601	14030723	Photocoupler - PC900V	1
Q600	14000550	Transistor - BA1L3N	1
R600	16012937	Resistor - 5.1k Ω 1/4W	1
R601,602 603,607,608	16113221	Resistor - 220 Ω 1/4W	5
R604,605 606	16112202	Resistor - 2k Ω 1/8W	3
R609,610 613,626,627	16112103	Resistor - 10k Ω 1/8W	5
R611,612	16112223	Resistor - 22k Ω 1/8W	2
R614	16221910	Resistor - 191 Ω 1/4W	1
R615	16225900	Resistor - 590 Ω 1/4W	1
R616	16225909	Resistor - 59 Ω 1/4W	1
R617,620	16000580	Resistor - 1 Ω 1W	2
R618,619	16112242	Resistor - 2.4k Ω 1/8W	2
R621,622	16112473	Resistor - 47k Ω 1/8W	2
R623	16112222	Resistor - 2.2k Ω 1/8W	1
R624,625	16112472	Resistor - 4.7k Ω 1/8W	2
RAY600	16017581	Resistor Array - 10k Ω	1

Duplex Motor Board Part Number: A396 5101A

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