

DFX 12 Parts List



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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



0000090 REV A02 DFX 12 MASTER PARTS LIST

ITEM NUMBER	PART DESCRIPTION	QTY	REV	NOTES
0000145	SIDE LEFT DFX	1	A00	
0000146	SIDE RIGHT DFX	1	A00	
 0000175-01	PCB ASSEMBLY: DFX POWER SUPPLY	1	A02	SEE PAGE 3
0000206	END CHEEK LEFT DFX	1	A00	
0000207	END CHEEK RIGHT DFX	1	A00	
0000241	LIP SEAL TMX-12	1	A00	
0000304	BOX CMPT DFX 12	1	1A	
0000318	OWNER MNL DFX	1	B00	
0000306	FOAM SET DFX	1	A00	
0000616	15POS FLAT FLEX 1MM	4	A00	
0000617	20POS FLAT FLEX 1MM	2	A00	
0000645	COVER BOTTOM PWR SPPLY DFX	1	A00	
055-192-00-01	PCB ASSY LC EFTS-PWR MIX	1	C1	SEE PAGE 5
0000658	SCREW TF PAN PH M3X6MM BLKX STEEL	35	A00	
 0001150	FISHPAPER DFX .01 IN THK	1	A00	
040-306-00	CBL ASSY 24GA 12P .098 12	1	A	
055-396-01	DFX 12 MAIN PCB ASSEMBLY	1	B01	SEE PAGE 6
550-689-00	CHASSIS DFX-12	1	A00	
550-690-00	BACK DFX-12	1	A00	
550-691-00	BOTTOM DFX-12	1	A00	
551-112-01	ARMREST DFX-12	1	A00	
620-042-00	CBL FLAT 16C W/TABS .1 4.0	1	A	
 640-001-00	LINECORD IEC SGT 10A/125V 6FT	1	D	
700-011-00	MCH 4-40X1/4 BTNSKT BLKX	18	A	
700-028-00	SEMS 6-32X1/4 PHP BLKZC	3	B	
701-016-00	5-20X5/16 PHPII TYP B BLK	17	A	
705-003-00	NUT HEX-SPLD W/400-214-00	26	B	
705-021-00	NUT CAP 1/2 DIA OD STLZC	4	B	
710-002-00	WASHER-SPLD W/400-214-00	26	B	
750-001-00	BUMPON ROUND BLK .63X.31	4	A	
760-037-01	KNOB SLIDE 10X25MM MLDLIN	9	C00	
760-037-02	KNOB SLIDE 11X24 RED 210	2	C00	
760-037-03	KNOB SLIDE 11X24 BLUE	2	C00	
760-048-01	KNOB 9MM LT GRY	10	B	
760-048-02	KNOB 9MM MAGENTA	18	B	
760-048-03	KNOB 9MM BLU/GRY	16	B	
760-048-04	KNOB 9MM DARK GRAY	8	B	
760-091-00	KNOB MASTER VOLUME	1	A	
790-002-00	BAG POLY 12 X 18 2MIL	1	A	
790-027-00	BAG POLY 20X7X36 4MIL GUS	1	A	
0000657	SCREW TF PAN PH M3 X 20 BLKX STEEL	6	A00	






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0000175-01 REV A02 DFX POWER SUPPLY PCB ASSEMBLY

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATORS
 0000172	TRANSFORMER, DFX	1	A01	T1
 0000176-00	PCB: DFX POWER SUPPLY	1	A00	Z1
0000641	HEAT SINK PWR SUPPLY DFX	1	B00	HSQ1
0000656	TRANSISTOR N CHANEL FET 2SK2662T PREP	1	A00	Q1
0000659	NUT HEX/LCK HEX M3X4MM CLZC STEEL	4	A00	Z25,Z27,Z29,Z31
101-017-00	RES CF .125W 5% 4R7 OHM	1	A	R3
110-097-00	RES CF .25W 5% 100K OHM	2	A	R1, R2
140-009-00	RES TF SM .1W 5% 2.2 OHM	5	A	R20, R41, R43, R44, R45
140-025-00	RES TF SM .1W 5% 10 OHM	5	A	R15, R36, R37, R38, R39
140-033-00	RES TF 22 5% .1W SMT	1	A	R19
140-041-00	RES TF SM .1W 5% 47 OHM	2	A	R27, R64
140-044-00	RES TF SM .1W 5% 62 OHM	6	A	R21, R22, R23, R24, R25, R63
140-049-00	RES TF SM .1W 5% 100 OHM	1	A	R70
140-057-00	RES TF SM .1W 5% 220 OHM	4	A	R26, R62, R65, R66
140-073-00	RES TF SM .1W 5% 1K0 OHM	3	A	R14, R28, R111
140-081-00	RES TF SM .1W 5% 2K2 OHM	2	A	R16, R29
140-110-00	RES TF SM .1W 5% 33K OHM	12	A	R4, R5, R6, R7, R8, R9, R71, R72, R73, R74, R75, R76
140-123-00	RES TF SM .1W 5% 100K OHM	1	A	R68
140-152-00	RES TF SM .1W 5% 1M6 OHM	1	A	R12
145-381-00	RES MF SM .1W 1% 8K25 OHM	2	B	R11, R13
145-389-00	RES MF SM .1W 1% 10K0 OHM	3	B	R31, R33, R35
145-459-00	RES MF SM .1W 1% 53K6 OHM	1	B	R10
145-479-00	RES MF SM .1W 1% 86K6 OHM	2	B	R30, R34
150-037-00	RES FUS .25W 5% 33 OHM	1	A	R18
 158-001-00	THMS NTC RAD	1	A	TH1
200-024-00	PLY/BX .01UF 20% 250V Y2	2	B	C8, C9
200-061-00	PLYBOX .1UF 20% 275V X2	3	A00	C3, C4, C11
210-022-02	CER 56PF 5% 500V NPO T/R	1	A1	C20
210-027-00	CER 470PF 20% 250V Y2/X1	2	A1	C1, C2
210-029-02	CER 10PF NPO 500V TR	1	A00	C19
212-001-00	CER .01UF 10% 50V X7R SM	2	B1	C7, C12
212-003-00	CER 100PF 5% 50V NPO SM	1	B1	C24
212-023-00	CER .001UF 10% 50V NPO SM	3	B1	C18, C32, C37
212-025-00	CAP CER .1UF 50V 10% X7R	17	D1	C14, C16, C21, C27, C28, C29, C33, C38, C42, C43, C45, C46, C47, C48, C49, C50, C51
212-034-00	CER .022UF 10% 100V X7R	1	A1	C25
212-037-00	CER 1000PF 2% 50V NPO SMT	1	A1	C17
220-003-02	LYT 47UF 20% 50V RAD TR	1	B	C31
220-060-00	LYT 100UF 20% 400V 25X30	1	A1	C10
220-068-02	LYT 100U 20% 35V 105C T/A	1	A1	C15
220-070-02	LYT 470U 20% 25V 105C T/A	7	A1	C22, C34, C35, C36, C39, C40, C41
220-072-02	LYT 47UF 20% 63V 105C T/A	1	A1	C26
223-004-00	LYT 10UF 20% 16V SM	1	B1	C30

continued....



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....power supply continued

	PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATORS
	223-007-00	LYT 47UF 20% 6.3V SMT	1	A1	C23
	300-010-00	DIO SIG RLS245 220V 200MA	2	A	D5,D10
	300-013-03	DIO SW DUAL BAV70 SMT	1	A	D20
	301-021-00	DIO PWR 4004 1A 400V SM	1	A	D11
	301-029-00	DIO HI-EFF 3A 300V 50NS	3	A	D7,D12,D13
!	304-079-00	OPTO COUPLER PWR SPLY	1	B	U2
	310-038-00	XSTR PNP MJE350	1	A1	Q4
	311-001-00	XSTR NPN IMBT4401 SMT	1	B	Q6
	311-005-00	XSTR NPN MMBTA06LT1 SM	2	E	Q5,Q8
!	321-003-00	REG 7805 +5V	1	B	U3
!	324-008-03	PWM CTRL UC3844A SMT	1	A	U1
	400-060-00	FUSE CLIP PCMT 5MM DIA	2	A	FC1,FC2
!	400-132-00	IEC MALE RTA PCMT	1	A	J1
	400-283-00	HDR 12P .098X1 SHRD RTA	1	A	J3
!	500-064-00	PWR SW DPST RTA 16A	1	A	SW1
!	510-015-00	FUSE SB 1.6A 5X20 250 IEC	1	B	F1
	601-025-00	COM MODE CHOKE EMI/RFI FL	1	A	L1
	601-033-00	INDUCTOR 47UH 1.6A RAD LD	2	A	L2,L3
	700-085-03	SCR PHP M3X6 STL BLK ZC	4	A	Z24,Z26,Z28,Z30
	712-020-00	BRKT ANG 6-32X.037THK STL	3	A	BRKT1,BRKT2,BRKT3
	712-021-01	RVT CL END .125X.062-.125	6	B	RVT1, RVT2, RVT3, RVT4, RVT5, RVT6
!	0001135	DIO ZEN MMSZ5243BT1 13V SMT	2	A00	D14,D16
!	301-014-02	DIO PWR 1N4007 TR	4	A00	D1,D2,D3,D4
!	200-064-00	PLYBOX .0033UF 250V Y2/X1	2	A	C5, C6
	212-042-00	CER 470PF 5% 50V NPO NIC	1	A1	C13



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055-192-00-01 REV C1 EFFECTS PCB ASSEMBLY

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATORS
080-088-00	DSP PRGMD ADSP-2163	1	A	
140-009-00	RES TF SM .1W 5% 2.2 OHM	1	A	
140-049-00	RES TF SM .1W 5% 100 OHM	2	A	
140-053-00	RES TF SM .1W 5% 150 OHM	2	A	
140-073-00	RES TF SM .1W 5% 1K0 OHM	6	A	
140-089-00	RES TF SM .1W 5% 4K7 OHM	10	A	
140-097-00	RES TF SM .1W 5% 10K OHM	2	A	
140-114-00	RES TF SM .1W 5% 47K OHM	4	A	
140-123-00	RES TF SM .1W 5% 100K OHM	3	A	
140-139-00	RES TF SM .1W 5% 470K OHM	1	A	
212-001-00	CER .01UF 10% 50V X7R SM	2	B1	
212-003-00	CER 100PF 5% 50V NPO SM	2	B1	
212-005-00	CER 20PF 5% 50V NPO SM	2	B1	
212-007-00	CER .047UF 20% 50V Z5U SM	1	A1	
212-016-00	CER 1000PF 5% 50V NPO SM	13	A1	
212-023-00	CER .001UF 10% 50V NPO SM	3	B1	
212-024-00	CER 1UF 25V Y5V 1206	4	A1	
212-027-00	CER .1UF 16V 10% X7R 0603	15	A1	
212-029-00	CER 270PF 5% 50V NPO SM	2	A1	
212-032-00	CER 2200PF 10% 50V X7R	5	A1	
220-011-00	LYT 100UF 20% 25V RAD	1	A1	
223-003-00	LYT 22UF 20% 6.3V SM	1	A1	
223-004-00	LYT 10UF 20% 16V SM	5	B1	
300-003-00	DIO SW DL4148 100V SM	4	A	
315-017-00	XTAL 24.576MHZ LOW PROF	1	A	
325-027-03	CMOS 74HC74A DUAL D FLPFL	1	A	
325-071-03	CMOS 74HCU04 HEX INV SM	1	A	
329-042-03	CODEC SOUNDPORT AD1819	1	B	
! 329-047-03	SRAM 32KX8 20NS SOJ SM	2	B	
400-280-00	HDR SKT 16P .1X1 STR	1	A	
450-192-00	PCB LC EFTS PWR MIXER	1	C	
601-009-00	FERRITE SMT SIG 1K OHM	3	A	
601-010-00	FERRITE SMT POWER	1	A	



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055-396-01 REV B01 MAIN BOARD ASSEMBLY

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
0000163	CAP PLY FLM 470PF 10% 50V RAD	2	A00	C136, C143
0000164	POLY-FILM 680PF 10% 50V T/A	2	A00	C235, C254
0000165	POLY-FILM 100PF 10% 50V T/A	3	A00	C166, C171, C177
0000167	CAP PLY FLM .0015UF 10% 50V RAD	2	A00	C132, C139
0000168	POLY-FILM .15UF 10% 50V BULK	6	A00	C232, C239, C243, C247, C251, C256
0000169	POLY-FILM .18UF 10% 50V BULK	1	A00	C250
0000210	BUTTON SWITCH 5X7 MM	9	C00	B1, B2, B3, B4, B5, B6, B7, B8, B9
0000211	BUTTON SWITCH 11.5 X 8.5 MM MUTE DFX	11	D00	B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20
0000527	POT RTY 20KU 9MM SINGLE	19	A00	R15, R16, R17, R18, R19, R20, R21, R22, R34, R35, R36, R37, R38, R39, R40, R41, R48, R64, R65
0000528	POT RTY 10KB 12MM DUAL	8	A00	R26, R27, R28, R29, R30, R31, R32, R33
130-022-02	POT RTY 10KB 9MM MONO TN	16	A	R7, R8, R9, R10, R11, R12, R13, R14, R49, R50, R51, R52, R57, R58, R59, R63
130-030-02	POT RTY 5KZY 9MM MNO H TN	4	A	R3, R4, R5, R6
130-031-00	POT SLD 10KD 60MM MONO	6	A	R53, R54, R55, R56, R71, R72
130-032-00	POT SLD 50KD 60MM DUAL	7	A	R60, R61, R62, R66, R67, R68, R69
130-061-02	POT 50KG 12MM DUAL WO SLV	5	B	R23, R24, R25, R42, R70
130-075-00	POT SLD 50KG 30MM DL PANS	5	A	R43, R44, R45, R46, R47
140-001-00	RES TF SM .1W 5% 1 OHM	2	A	R715, R728
140-025-00	RES TF SM .1W 5% 10 OHM	5	A	R361, R366, R379, R391, R393
140-041-00	RES TF SM .1W 5% 47 OHM	3	A	R105, R230, R231
140-042-00	RES TF SM .1W 5% 51 OHM	2	A	R362, R364
140-044-00	RES TF SM .1W 5% 62 OHM	2	A	R226, R227
140-049-00	RES TF SM .1W 5% 100 OHM	9	A	R103, R104, R247, R590, R591, R594, R595, R690, R691
140-051-00	RES TF SM .1W 5% 120 OHM	4	A	R74, R80, R82, R84
140-057-00	RES TF SM .1W 5% 220 OHM	15	A	R130, R131, R132, R133, R151, R152, R153, R154, R174, R175, R176, R177, R217, R245, R563
140-061-00	RES TF SM .1W 5% 330 OHM	1	A	R205
140-064-00	RES TF SM .1W 5% 430 OHM	1	A	R157
140-065-00	RES TF SM .1W 5% 470 OHM	1	A	R196
140-066-00	RES TF SM .1W 5% 510 OHM	8	A	R197, R204, R244, R562, R811, R830, R859, R862
140-069-00	RES TF SM .1W 5% 680 OHM	1	A	R200
140-071-00	RES TF SM .1W 5% 820 OHM	1	A	R199
140-073-00	RES TF SM .1W 5% 1K0 OHM	44	A	R86, R87, R208, R209, R228, R232, R237, R238, R246, R249, R294, R309, R310, R311, R312, R313, R314, R323, R324, R325, R326, R327, R328, R397, R399, R401, R404, R406, R408, R445, R451, R452, R453, R457, R461, R463, R465, R466, R467, R468, R522, R524, R543, R548
140-074-00	RES TF SM .1W 5% 1K1 OHM	4	A	R812, R831, R860, R863
140-076-00	RES TF SM .1W 5% 1K3 OHM	6	A	R206, R357, R441, R442, R443, R539

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....main board continued

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
140-077-00	RES TF SM .1W 5% 1K5 OHM	10	A	R159, R161, R165, R167, R169, R173, R268, R296, R573, R586
140-079-00	RES TF SM .1W 5% 1K8 OHM	2	A	R750, R753
140-080-00	RES TF SM .1W 5% 2K0 OHM	4	A	R163, R171, R192, R239
140-081-00	RES TF SM .1W 5% 2K2 OHM	24	A	R332, R333, R334, R335, R336, R337, R340, R342, R344, R347, R350, R353, R470, R471, R472, R473, R474, R479, R481, R482, R483, R485, R549, R552
140-083-00	RES TF SM .1W 5% 2K7 OHM	5	A	R358, R574, R587, R635, R650
140-084-00	RES TF SM .1W 5% 3K0 OHM	6	A	R211, R213, R218, R221, R234, R236
140-085-00	RES TF SM .1W 5% 3K3 OHM	13	A	R109, R110, R188, R250, R257, R285, R286, R434, R435, R566, R579, R634, R649
140-087-00	RES TF SM .1W 5% 3K9 OHM	16	A	R341, R343, R345, R346, R349, R352, R475, R477, R478, R480, R484, R551, R694, R695, R700, R701
140-089-00	RES TF SM .1W 5% 4K7 OHM	2	A	R748, R751
140-090-00	RES TF SM .1W 5% 5K1 OHM	59	A	R73, R90, R96, R97, R100, R101, R102, R106, R107, R108, R124, R129, R189, R456, R460, R542, R546, R675, R676, R677, R678, R679, R680, R681, R682, R684, R685, R687, R688, R713, R733, R759, R762, R765, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R808, R813, R814, R815, R816, R847, R850, R853, R856
140-092-00	RES TF SM .1W 5% 6K2 OHM	6	A	R185, R187, R194, R338, R714, R734
140-093-00	RES TF SM .1W 5% 6K8 OHM	21	A	R359, R360, R367, R368, R380, R384, R388, R504, R505, R513, R517, R518, R519, R520, R521, R560, R561, R571, R572, R674, R872
140-094-00	RES TF SM .1W 5% 7K5 OHM	2	A	R88, R89
140-095-00	RES TF SM .1W 5% 8K2 OHM	1	A	R183
140-097-00	RES TF SM .1W 5% 10K OHM	131	A	R1, R92, R95, R178, R180, R182, R198, R210, R212, R219, R220, R222, R223, R229, R233, R235, R240, R241, R242, R243, R275, R276, R282, R283, R315, R316, R319, R320, R365, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R383, R387, R416, R417, R418, R419, R420, R421, R424, R425, R429, R430, R490, R491, R498, R499, R506, R507, R508, R509, R510, R511, R512, R516, R528, R529, R530, R531, R535, R536, R553, R554, R556, R557, R575, R576, R584, R585, R600, R601, R602, R603, R605, R606, R613, R614, R615, R616, R618, R619, R637, R638, R639, R640, R652, R653, R654, R655, R665, R668, R673, R692, R693, R704, R705, R724, R725, R744, R745, R755, R788, R789, R794, R795, R799, R800, R805, R806, R821, R822, R827, R828, R832, R835, R838, R842, R843, R864, R866, R867, R869, R870
140-098-00	RES TF SM .1W 5% 11K OHM	12	A	R712, R716, R729, R732, R758, R761, R764, R807, R846, R849, R852, R855
140-100-00	RES TF SM .1W 5% 13K OHM	4	A	R717, R718, R730, R731

continued....



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....main board continued

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
140-104-00	RES TF SM .1W 5% 20K OHM	39	A	R297, R298, R299, R300, R317, R318, R321, R322, R426, R431, R446, R447, R448, R489, R495, R497, R503, R532, R537, R540, R604, R607, R617, R620, R662, R663, R719, R720, R726, R727, R739, R740, R746, R747, R790, R801, R817, R823, R839
140-105-00	RES TF SM .1W 5% 22K OHM	2	A	R224, R225
140-108-00	RES TF SM .1W 5% 27K OHM	10	A	R158, R160, R166, R168, R422, R427, R432, R533, R588, R689
140-109-00	RES TF SM .1W 5% 30K OHM	24	A	R111, R112, R113, R140, R162, R170, R191, R214, R251, R253, R255, R258, R259, R260, R264, R265, R266, R395, R403, R411, R565, R567, R578, R580
140-110-00	RES TF SM .1W 5% 33K OHM	2	A	R749, R752
140-111-00	RES TF SM .1W 5% 36K OHM	2	A	R636, R651
140-113-00	RES TF SM .1W 5% 43K OHM	2	A	R664, R754
140-115-00	RES TF SM .1W 5% 51K OHM	6	A	R164, R172, R190, R215, R267, R295
140-117-00	RES TF SM .1W 5% 62K OHM	4	A	R455, R459, R541, R545
140-123-00	RES TF SM .1W 5% 100K OHM	122	A	R91, R93, R94, R98, R99, R125, R126, R127, R128, R147, R148, R149, R150, R179, R181, R195, R201, R252, R254, R256, R261, R262, R263, R277, R284, R289, R290, R291, R292, R293, R301, R302, R303, R304, R305, R306, R307, R308, R381, R382, R385, R386, R389, R390, R394, R396, R410, R438, R439, R440, R444, R449, R450, R454, R458, R462, R492, R496, R502, R514, R515, R538, R544, R555, R564, R568, R577, R581, R589, R592, R593, R596, R597, R598, R599, R608, R609, R610, R611, R612, R621, R626, R627, R641, R642, R656, R657, R683, R686, R696, R697, R698, R699, R702, R703, R706, R707, R708, R709, R710, R711, R723, R735, R736, R737, R738, R743, R783, R784, R787, R793, R798, R804, R810, R820, R826, R829, R858, R861, R865, R868, R871
140-130-00	RES TF SM .1W 5% 200K OHM	18	A	R193, R207, R667, R670, R671, R757, R760, R763, R766, R809, R834, R837, R840, R845, R848, R851, R854, R857
140-140-00	RES TF SM .1W 5% 510K OHM	7	A	R184, R186, R248, R339, R355, R356, R363
140-147-00	RES TF SM .1W 5% 1M OHM	12	A	R329, R330, R331, R348, R351, R354, R464, R469, R476, R486, R547, R550
141-051-00	RES TF SM 1/4W 5% 120 OHM	12	B	R75, R76, R77, R78, R79, R81, R83, R85, R569, R570, R582, R583
145-000-00	RES TF SM .1W 0 OHM	2	B	R202, R203
145-066-00	RES MF SM .1W 1% 4.75 OHM	4	B	R134, R136, R138, R155
145-204-00	RES MF SM .1W 1% 130 OHM	1	B	R216
145-339-00	RES MF SM .1W 1% 3K01 OHM	20	B	R135, R137, R139, R156, R398, R400, R402, R405, R407, R409, R412, R413, R423, R428, R433, R523, R525, R526, R527, R534
145-346-00	RES MF SM .1W 1% 3K57 OHM	8	B	R721, R741, R785, R791, R796, R802, R818, R824
145-356-00	RES MF SM .1W 1% 4K53 OHM	8	B	R666, R669, R672, R756, R833, R836, R841, R844

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PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
145-383-00	RES MF SM .1W 1% 8K66 OHM	8	B	R271, R274, R278, R281, R488, R494, R500, R558
145-389-00	RES MF SM .1W 1% 10K0 OHM	32	B	R269, R270, R272, R273, R279, R280, R414, R415, R487, R493, R501, R559, R622, R623, R624, R625, R628, R629, R630, R631, R632, R633, R643, R644, R645, R646, R647, R648, R658, R659, R660, R661
145-406-00	RES MF SM .1W 1% 15K0 OHM	8	B	R722, R742, R786, R792, R797, R803, R819, R825
145-418-00	RES MF SM .1W 1% 20K0 OHM	8	B	R120, R121, R122, R123, R143, R144, R145, R146
145-485-00	RES MF SM .1W 1% 100K OHM	4	B	R287, R288, R436, R437
146-373-00	RES MF SM .25W 1% 6K81 OM	8	A	R114, R115, R116, R117, R118, R119, R141, R142
200-001-02	PLY .012UF 10% 100V TR	2	D	C234, C245
200-003-02	PLY/FL .033UF 10% 100V TR	2	C	C152, C158
200-004-02	PLY .047UF 10% 100V TR	2	C	C137, C146
200-007-02	PLY .01UF 10% 100V TR	17	C	C63, C64, C65, C66, C95, C96, C97, C99, C100, C101, C135, C142, C147, C149, C153, C156, C258
200-011-02	PLY .0022UF 10% 100V TR	2	B	C233, C259
200-015-02	PLY .0047UF 10% 100V PEI	13	B	C131, C138, C167, C170, C176, C236, C237, C240, C241, C244, C249, C252, C257
200-019-02	PLY/BX .1UF 10% 63V TR	2	A	C151, C157
200-022-02	PLY .47UF 5% 50V TR	2	A	C148, C155
200-029-02	PLY/BX .22UF 5% 50V TR	24	A	C67, C68, C69, C70, C71, C72, C102, C103, C104, C105, C106, C107, C108, C109, C117, C118, C119, C120, C121, C122, C162, C163, C168, C169
200-054-02	PLY/BOX .068UF 100V T/A	1	A	C253
212-001-00	CER .01UF 10% 50V X7R SM	143	B1	C25, C299, C352, C354, C355, C356, C357, C359, C360, C361, C362, C363, C367, C368, C369, C370, C371, C372, C373, C377, C378, C380, C382, C383, C384, C385, C386, C388, C389, C396, C398, C400, C402, C404, C406, C414, C419, C420, C421, C429, C430, C431, C432, C433, C434, C438, C439, C440, C442, C444, C446, C448, C449, C451, C453, C454, C455, C459, C463, C464, C465, C481, C483, C485, C486, C487, C488, C489, C490, C491, C492, C493, C496, C498, C499, C506, C509, C514, C523, C524, C525, C526, C527, C530, C534, C537, C538, C541, C543, C544, C548, C549, C550, C551, C552, C553, C557, C559, C560, C561, C563, C566, C567, C568, C570, C572, C573, C574, C576, C579, C581, C582, C586, C587, C589, C590, C591, C594, C597, C599, C604, C605, C606, C609, C611, C618, C620, C621, C626, C627, C629, C631, C634, C635, C636, C637, C639, C642, C644, C646, C650, C651, C652
212-003-00	CER 100PF 5% 50V NPO SM	17	B1	C327, C328, C329, C344, C365, C366, C374, C375, C379, C393, C558, C565, C578, C607, C633, C638, C640

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



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PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
212-004-00	CER 220PF 5% 50V NPO SM	18	C1	C301, C302, C315, C316, C323, C324, C325, C343, C413, C424, C428, C472, C596, C600, C622, C628, C648, C649
212-005-00	CER 20PF 5% 50V NPO SM	34	B1	C397, C399, C401, C403, C405, C407, C443, C445, C450, C452, C456, C466, C505, C507, C508, C510, C533, C539, C542, C577, C583, C584, C585, C592, C593, C608, C610, C612, C619, C632, C641, C643, C645, C647
212-009-00	CER 47PF 5% 50V NPO SM	36	A	C296, C300, C303, C304, C308, C309, C310, C311, C312, C331, C333, C335, C336, C346, C408, C410, C412, C467, C468, C470, C515, C517, C535, C546, C547, C554, C556, C562, C564, C569, C571, C575, C580, C588, C595, C630
212-015-00	CER 33PF 5% 50V NPO SM	2	B1	C545, C555
212-018-00	CER 10PF 5% 50V NPO SM	16	B1	C415, C416, C425, C426, C427, C435, C436, C437, C478, C479, C494, C495, C497, C500, C528, C529
212-019-00	CER 150PF 5% 50V SM	16	B1	C460, C461, C462, C473, C474, C475, C476, C477, C480, C482, C484, C512, C519, C520, C521, C522
212-023-00	CER .001UF 10% 50V NPO SM	2	B1	C297, C298
212-025-00	CAP CER .1UF 50V 10% X7R	48	D1	C337, C338, C347, C348, C349, C350, C351, C353, C358, C364, C387, C390, C391, C392, C394, C395, C409, C411, C417, C418, C422, C423, C441, C447, C457, C458, C501, C502, C503, C504, C511, C513, C531, C532, C536, C540, C598, C601, C602, C603, C613, C614, C615, C616, C617, C623, C624, C625
212-034-00	CER .022UF 10% 100V X7R	4	A1	C313, C314, C339, C340
212-042-00	CER 470PF 5% 50V NPO NIC	22	A1	C305, C306, C307, C317, C318, C319, C320, C321, C322, C326, C330, C332, C334, C341, C342, C345, C376, C381, C469, C471, C516, C518
220-002-02	LYT 47UF 20% 25V RAD	152	A1	C9, C10, C11, C12, C13, C14, C15, C16, C26, C27, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C54, C56, C58, C60, C61, C62, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C98, C110, C111, C112, C113, C114, C115, C116, C123, C124, C125, C126, C127, C128, C129, C130, C133, C140, C144, C145, C159, C160, C161, C164, C165, C173, C175, C182, C183, C186, C187, C188, C189, C190, C191, C192, C193, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C207, C210, C212, C213, C214, C215, C216, C217, C218, C219, C220, C222, C224, C225, C227, C229, C230, C231, C238, C246, C255, C260, C262, C263, C264, C265, C266, C267, C268, C269, C270, C271, C272, C273, C274, C275, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295
220-003-02	LYT 47UF 20% 50V RAD TR	12	B	C1, C2, C3, C4, C5, C6, C7, C8, C21, C22, C23, C24
220-004-02	LYT 470UF 20% 6.3V RAD TR	4	C1	C17, C18, C19, C28

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PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
220-008-02	LYT 1UF 20% 50V RAD TR	2	A1	C172, C174
220-013-02	LYT .22UF 20% 50V RAD TR	12	A1	C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53
220-014-00	LYT 2.2UF 20% 50V RAD TR	2	B1	C150, C154
220-027-02	LYT 10UF 20% 50V RAD TR	23	B1	C55, C57, C59, C94, C134, C141, C180, C184, C185, C194, C195, C206, C208, C209, C211, C221, C223, C226, C228, C242, C248, C261, C276
! 302-010-03	DIO ZEN DL5232B 5.6V SM	2	B	D51, D52
! 304-027-02	LED RED W/.425 SPACER TR	12	C00	D13, D14, D17, D18, D41, D42, D43, D44, D45, D46, D47, D48
! 304-028-02	LED YEL W/.425 SPACER TR	14	C00	D1, D2, D3, D4, D9, D10, D11, D12, D15, D16, D19, D20, D21, D22
! 304-029-02	LED GRN W/.425 SPACER TR	18	C00	D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40
! 311-001-00	XSTR NPN IMBT4401 SMT	2	B	Q11, Q12
! 311-002-00	XSTR PNP MMST4403 SM	10	A	Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q13, Q14
! 320-006-00	OPAMP 2068E	12	A	U9, U10, U17, U20, U21, U24, U25, U28, U54, U57, U64, U70
! 320-011-00	OPAMP 4560 8P SIP	2	A	U1, U2
! 320-020-00	OPAMP 4565 SMT	53	A	U3, U6, U7, U8, U11, U12, U14, U15, U18, U19, U22, U23, U26, U27, U29, U31, U35, U36, U38, U41, U42, U43, U44, U45, U46, U47, U50, U51, U52, U53, U55, U56, U58, U59, U60, U61, U62, U63, U65, U66, U67, U68, U69, U71, U72, U74, U75, U77, U80, U81, U82, U83, U84
! 323-002-00	LM339D QUAD COMP SM	14	C	U4, U5, U13, U16, U30, U32, U33, U34, U48, U49, U73, U76, U78, U79
! 325-018-03	DG213 QUAD ANALOG SW SM	2	C	U39, U40
! 325-086-03	IC 74HC4053 ANA MUX/DEMUX	1	A	U37
400-022-00	RCA QUAD PCMNT	1	A	J33
400-041-00	XLR VERT MALE PCMNT	2	A	J20, J23
400-214-00	JACK 1/4 V PCMNT 1MM WASH	26	A	J3, J4, J7, J8, J11, J12, J13, J14, J15, J16, J17, J18, J19, J21, J22, J24, J25, J26, J27, J28, J29, J30, J31, J32, J34, J35
400-223-00	XLR PCMNT NEUTRIK-AP SER	6	A	J1, J2, J5, J6, J9, J10
400-283-00	HDR 12P .098X1 SHRD RTA	1	A	J36
450-396-01	PCB: DFX 12	1	B00	Z100
500-036-00	SWITCH 4PDT PUSH V SNAPIN	2	B	SW6, SW7
500-037-00	SWITCH 2PDT PUSH V SNAPIN	18	A	SW1, SW2, SW3, SW4, SW5, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15, SW16, SW17, SW18, SW19, SW20
500-045-00	SW RTY ENCDR GRYCD 15.5MM	1	A	S1
601-010-00	FERRITE SMT POWER	1	A	L1
620-042-00	CBL FLT 16C W/TABS .1 4.0	1	A	J37
706-033-01	STDF SWAGE NO.4 X .542L F	15	D	SO1, SO2, SO3, SO4, SO5, SO6, SO7, SO8, SO9, SO10, SO11, SO12, SO13, SO14, SO15
706-038-00	STDF SWAGE 4-40X.25L.25OD	3	A	SO16, SO17, SO18


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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



....main board continued

PART#	DESCRIPTION	QTY	REV	REFERENCE DESIGNATOR
 0001120	BRIDGE RECTIFIER, 100 V PEAK REVERSE VOLTAGE	4	A00	D5, D6, D7, D8
220-024-00	LYT 100UF 20% 35V RAD	3	A1	C178, C179, C181
220-072-02	LYT 47UF 20% 63V 105C T/A	1	A1	C20
300-011-03	DIO SW DUAL BAV99 SMT	4	A	D49, D50, D53, D54
300-013-03	DIO SW DUAL BAV70 SMT	12	A	D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66
601-009-00	FERRITE SMT SIG 1K OHM	4	A	L2, L3, L4, L5
0001402	CON FC1 15 POS VERT W/LOCKING CLIP	8	A00	J39, J41, J42, J43, J46, J47, J48, J49
0001403	CON FC1 20 POS VERT W/LOCKING CLIP	4	A00	J38, J40, J44, J45
110-025-00	RES CF .25W 5% 100 OHM	1	A	R2

