

BOMs from Minx 2/11/02

PART NO.	DESCRIPTION	QTY	EFFECTIVE	INACTIVE	REFERENCE
MPX550 MAIN BOARD ASSEMBLY					
120-14142	ADHESIVE,EPOXY,THERM COND	0.00			U17
200-14157	POT,RTY,10K15CX2,7MMFL,14,15L	1.00			R102
202-09795	RESSM,RO,5%,1/10W,2.2K OHM	2.00			R6,16
202-09871	RESSM,RO,5%,1/10W,1K OHM	1.00			R13
202-09899	RESSM,RO,5%,1/10W,47 OHM	2.00			R34,57
202-10557	RESSM,RO,5%,1/10W,4.7K OHM	2.00			R7,9
202-10558	RESSM,RO,5%,1/10W,47K OHM	4.00			R8,10,17,75
202-10559	RESSM,RO,5%,1/10W,100 OHM	3.00			R15,51,76
202-10569	RESSM,RO,5%,1/10W,10 OHM	1.00			R53
202-10570	RESSM,RO,5%,1/10W,120 OHM	1.00			R54
202-10574	RESSM,RO,5%,1/10W,10M OHM	2.00			R58,59
202-10586	RESSM,RO,5%,1/4W,100 OHM	1.00			R41
202-10597	RESSM,RO,5%,1/10W,180 OHM	1.00			R56
202-10891	RESSM,RO,5%,1/10W,270 OHM	6.00			R77-80,85,86
202-10946	RESSM,RO,5%,1/10W,3.3K OHM	1.00			R83
202-11041	RESSM,RO,5%,1/10W,680 OHM	1.00			R47
202-11042	RESSM,RO,5%,1/10W,6.8K OHM	1.00			R82
202-11071	RESSM,RO,5%,1/4W,75 OHM	1.00			R14
202-11072	RESSM,RO,5%,1/4W,220 OHM	3.00			R1,4,5
202-11073	RESSM,RO,5%,1/4W,270 OHM	5.00			R2,19,21,30,32
202-11347	RESSM,RO,5%,1/4W,3 OHM	1.00			R84
202-11683	RESSM,RO,5%,1/10W,5.1 OHM	1.00			R29
202-12836	RESSM,RO,5%,1/10W,2.7K OHM	1.00			R3
202-14584	RESSM,RO,5%,1/10W,10K OHM,0603	8.00			R44-46,48-50,52,81
202-14585	RESSM,RO,0 OHM,0603	1.00			R43
202-14619	RESSM,RO,5%,1/10W,18K OHM	1.00			R55
203-10583	RESSM,RO,1%,1/10W,10.0K OHM	16.00			R20,22,23,26,31,33 R35,38,60,63,70,73 R87,90,97,100
203-10896	RESSM,RO,1%,1/10W,1.00K OHM	8.00			R61,62,65,67,88,89 R92,94
203-11075	RESSM,RO,1%,1/10W,95.3 OHM	1.00			R11
203-11726	RESSM,RO,1%,1/10W,301 OHM	1.00			R12
203-11992	RESSM,RO,1%,1/10W,174 OHM	4.00			R64,66,91,93
203-12481	RESSM,RO,1%,1/10W,1.5K OHM	2.00			R68,95
203-12837	RESSM,RO,1%,1/10W,13.0K OHM	8.00			R69,71,72,74,96 R98,99,101
203-14581	RESSM,THIN,1%,1/10W,715 OHM	4.00			R24,25,36,37
203-14582	RESSM,THIN,1%,1/10W,2.15K OHM	4.00			R27,28,39,40
205-14586	RESSM,NET,5%,ISOL,10KX4	7.00			RP2,3,6,10-13
205-14587	RESSM,NET,5%,ISOL,110X4	6.00			RP1,4,5,7-9
240-00611	CAP,ELEC,22uF,16V,RAD	3.00			C80,82,85
240-01262	CAP,ELEC,330uF,25V,20%,RAD	1.00			C58
240-09367	CAPSM,ELEC,10uF,25V,NONPOL,20%	4.00			C98,103,129,134
240-09786	CAP,ELEC,100uF,25V,RAD,LOW ESR	3.00			C16,17,55
240-11827	CAPSM,ELEC,10uF,16V,20%	10.00			C37,38,42,78,92,104 C109,110,115,124
240-12848	CAP,ELEC,3300uF,16V,20%,RAD	1.00			C48
240-13216	CAPSM,ELEC,22uF,16V,20%	1.00			C12
240-13217	CAPSM,ELEC,47uF,16V,20%	4.00			C94,95,125,126
244-10423	CAP,MYL,.22uF,50V,RAD,5%,BOX	5.00			C19,21,54,57,60
245-09876	CAPSM,CER,.01uF,50V,Z5U,20%	2.00			C9,14
245-10416	CAPSM,CER,1000pF,50V,COG,5%	1.00			C2
245-10561	CAPSM,CER,100pF,50V,COG,5%	3.00			C3-5
245-10562	CAPSM,CER,150pF,50V,COG,10%	15.00			C6,7,18,20,23,25,32 C33,49-53,56,59
245-10587	CAPSM,CER,18pF,50V,COG,10%	2.00			C24,34
245-10976	CAPSM,CER,47pF,50V,COG,5%	6.00			C8,13,97,102,128,133
245-10977	CAPSM,CER,330pF,50V,COG,5%	4.00			C28,29,44,46
245-11593	CAPSM,CER,4700pF,50V,COG,5%	4.00			C30,31,45,47
245-11594	CAPSM,CER,2200pF,50V,COG,5%	2.00			C106,112
245-11625	CAPSM,CER,33pF,50V,COG,5%	8.00			C87,88,90,91,96 C101,127,132
245-12485	CAPSM,CER,.1uF,25V,Z5U,20%	25.00			C10,22,26,27,35,36 C39-41,43,81,83,84 C93,99,100,105,107 C108,111,113,114 C123,130,131
245-14588	CAPSM,CER,.01uF,25V,X7R,10%,06	30.00			C1,11,15,61-77,79 C86,89,116-122
270-06671	FERRITE CHOKE,2.5 TURN	3.00			FB3-5

270-11545	FERRITESM,CHIP,600 OHM,0805	12.00	FBI,2,6-15
300-10509	DIODESM,1N914,SOT23	26.00	D1,2,6-29
300-10563	DIODESM,DUAL,SERIES,GP,SOT23	3.00	D3-5
310-10510	TRANSISTORSM,2N3904,SOT23	1.00	Q1
330-10523	IC,HEX INVERTER,74HCU04,SOP	2.00	U3,20
330-10528	ICSM,DIGITAL,74HC153,SOIC	1.00	U19
330-10535	ICSM,DIGITAL,74AC273,SOIC	1.00	U22
330-10536	ICSM,DIGITAL,74HC273,SOIC	1.00	U25
330-10537	ICSM,DIGITAL,74HC541,SOIC	2.00	U11,26
330-11990	ICSM,LEXICHIP3B,100PIN,PQFP	1.00	U15
330-12451	ICSM,DIGITAL,74VHCT32,SOIC	1.00	U7
330-12452	ICSM,DIGITAL,74VHCT244,SOIC	1.00	U16
330-14642	ICSM,DIGITAL,74VHCT14,SOIC	1.00	U2
340-11573	ICSM,LIN,NJM4580,DUALOPAMP,SOP	4.00	U4,5,10,27
340-14643	ICSM,LIN,3.3V REG,LOPWR,SOT23	1.00	U18
345-14649	ICSM,RCVR,AK4112,24B,96k,VSOP	1.00	U17
350-12637	ICSM,DRAM,1MX16,70NS,SOJ	1.00	U8
350-13863	ICSM,SRAM,32KX8,70NS,SOIC,20uA	1.00	U12
350-14158	ICSM,EEPROM,24C32,32K,SER,SOIC	1.00	U9
350-14176	ICSM,GAL,16V8,MPX500,V1.00	1.00	U23
350-14930	ICSM,ROM,27C020,MPX550,V1.02	1.00	U13
355-13287	ICSM,DAC,AK4393,24BIT,STR,VSOP	1.00	U6
355-13829	ICSM,ADC,AKM5383,24b,96kHz,SOP	1.00	U21
355-14599	ICSM,DIGI-POT,10K,16TAPS,SPI	1.00	U24
365-09883	ICSM,uPROC,Z80,CMOS,10MHZ,QFP	1.00	U14
375-02247	IC,OPTO-ISOLATOR,6N138	1.00	U1
390-12361	CRYSTALSM,11.2896MHZ,PAR,HC49	1.00	Y2
390-12362	CRYSTALSM,12.288MHZ,PAR,HC49	1.00	Y1
452-14617	SW,RTY,ENC,16POS,4BIT,GRY,20MM	4.00	SW1-4
510-07888	CONN,AC,3MC,PCRA,IEC,10A	1.00	J1
510-09790	CONN,DIN,5FC@180DEG,PCRA,SHLD	2.00	J2,3
510-10881	CONN,XLR,3MC,PCRA,SMALL	2.00	J6,9
510-11087	1/4"PH JACK,PCRA,3C,SW-TR,G,FT	5.00	J4,7,8,11,12
510-13149	CONN,RCA,PCRA,1FCGX2V,WH/RED,G	1.00	J5
510-14156	CONN,FFC,1.25MM,22POS,PCRA	1.00	J19
510-14159	CONN,XLR,3FC,PCRA,NO LATCH,SM	2.00	J10,13
620-12428	LUG,#4,INT STAR,XLR GND	2.00	J6,9
635-05689	FASTNR,SWAGE,PCB,4-40X.065,SS	4.00	PS TO MAIN BD
640-01706	SCRW,4-40X3/8,PNH,PH,ZN	2.00	AC CONN (J1)
640-04339	SCRW,4-40X1/4,PNH,PH,SEMS,ZN	4.00	PS TO MAIN BD
643-01732	NUT,4-40,KEP,ZN	2.00	AC CONN (J1)
650-03970	POPRVT,1/8X1/8,REG PROT HD,SS	1.00	BRKT TO MAIN BD
675-08256	WIRE,22G,BLU,2.5",.187QDC/ST	1.00	J17
675-08257	WIRE,22G,BRN,2.5",.187QDC/ST	1.00	J16
675-14137	WIRE,18G,GRN/YEL,7",#6RING/SS	1.00	AC CONN (J1) TO FP
680-14173	CABLE,.156,HSG/ST&T,4C,3"	1.00	J15
680-14174	CABLE,.100,HSG/ST&T,2C,3"	1.00	J14
701-14147	BRACKET,KEYSTONE,633,.140DX2	1.00	MAIN BD MTG
704-14132	HEATSINK,TO220,.75X.5X.5"H	1.00	U15
710-14550	PC BD,MAIN,MPX550	1.00	REV 4 PC BOARD
740-11287	LABEL,S/N,PCB,PRINTED	1.00	
750-14151	PWR SUP,+5V/+15V/-15V,16.5W	1.00	

MPX550 SWITCH BOARD #1 ASSEMBLY

430-07326	LED,T1,GRN,LITEON	4.00	D1-4
452-14155	SW,RTY,ENC,24POS,12MM,PBM	1.00	SW5
453-12166	SW,PBM,1P1T,6MMSQ,250GF	4.00	SW1-4
630-14190	SPCR,LED,T1,2MMH	4.00	D1-4
680-14171	CABLE,RIB,24-26AWG,14CX.1,3"L	1.00	J1
710-14130	PC BD,SW#1,MPX500	1.00	REV 1 PC BOARD

MPX550 SWITCH BOARD #2 ASSEMBLY

430-07326	LED,T1,GRN,LITEON	2.00	D1,2
453-12166	SW,PBM,1P1T,6MMSQ,250GF	2.00	SW1,2
630-14190	SPCR,LED,T1,2MMH	2.00	D1,2
680-14170	CABLE,RIB,24-26AWG,6CX.1,3"L	1.00	J1
710-14140	PC BD,SW#2,MPX500	1.00	REV 0 PC BOARD

MPX550 MECHANICAL ASSEMBLY

430-14152	DISP, LCD, 150X32DOTS, 12:00, FFC	1.00		
454-11095	SW, ROCKER, 1P2T, 6A@250, VERTSLIM	1.00		
550-11929	KNOB, .69D, 6MM/FL, BLK, LINE	1.00		
550-11931	BUTTON, .24X.64, BLK, W/LT PIPE	6.00		
550-14169	KNOB, 1.05D, 6MM/FL, BLK	1.00		
550-14639	KNOB, .85/.37D, 6MM/FL, BLK	4.00		
630-14114	SPCR, 4-40X7/16, 3/16HEX, NYL	2.00		DISPLAY
635-12831	SPCR, .14IDX.25ODX.375L, AL	4.00		SW BDS TO FP
640-02812	SCRW, 4-40X3/8, PNH, PH, BLK	1.00		AC CONN
640-02812	SCRW, 4-40X3/8, PNH, PH, BLK	2.00		COVER TO FP
640-14115	SCRW, 4-40X3/16, PNH, PH, NYL	2.00		DISPLAY
641-10989	SCRW, TAP, AB, 4X3/8, PNH, PH, BZ	4.00		CVR TO SIDE PAN
641-11466	SCRW, TAP, #4X3/8, PNH, PH, BZ, TRI	9.00	12/14/01	XLR & RCA CONN
641-12759	SCRW, TAP, AB, #2X1/4, PNH, PH, BZ	4.00		DIN CONN
641-14898	SCRW, TAP, #4X1/4, PNH, PH, BZ, TRI	9.00	12/14/01	XLR & RCA CONN
643-01732	NUT, 4-40, KEP, ZN	5.00		SW BDS TO FP (4);
				KEYSTONE TO FP (1)
				AC CONN
643-01732	NUT, 4-40, KEP, ZN	1.00		
700-14918	COVER, MPX550	1.00		
702-14177	COVER, PROTECTIVE, PS, 4.10X4.10	2.00		COVER, INSIDE
702-14640	PANEL, SIDE, 1.71X5.42, ABS	2.00		
702-14916	PANEL, FRONT, MPX550	1.00		
703-14167	LENS, 3.37X.87, CLR	1.00		
740-08558	LABEL, TUV CERTIFIED, BAYERN	1.00		TOP COVER
740-09538	LABEL, S/N, CHASSIS, PRINTED	1.00		REAR COVER
740-13573	LABEL, MFR ID, .9X.25, SILVER	1.00		REAR COVER

MPX550 SHIP/PACKAGING MATERIAL

070-14912	GUIDE, USER, MPX550	1.00		
080-14914	ASSY DWG, SHIPMENT, MPX550	0.00		
730-14181	INSERT, FOAM, ENDCAP, 1UX5.5	2.00		
730-14921	BOX, DSPLY, 22X8X4, MPX550	1.00		
750-14924	CD, LIT, MULTI-LANG, MPX550	1.00		

MPX550 POWER CORD OPTIONS

680-09149	CORD, POWER, IEC, 10A, 2M, NA, SVT	1.00		
680-08830	CORD, POWER, IEC, 6A, 2M, EURO	1.00		
680-10093	CORD, POWER, IEC, 5A, 2M, UK	1.00		
680-10094	CORD, POWER, IEC, 6A, 2M, ITALY	1.00		
680-10095	CORD, POWER, IEC, 6A, 2M, SWISS	1.00		
680-10096	CORD, POWER, IEC, 6A, 2M, AUSTRALIA	1.00		
680-10097	CORD, POWER, IEC, 6A, 2M, JAPAN	1.00		