

Giant Electronics Ltd.

Description	Qty U/M		Schema
-----	-----		-----
*SX50A FRS MOTOROLA SX50A USA BLACK WIT KHAKI FACEPLATE		EA	
BASE UNIT USA BLACK WITH KHAKI FACEPLATE	2	EA	
BASE CASING USA BLACK WITH KHAKI FACEPLATE	1	EA	
BASE CASING COMMON	1	EA	
CHARGER CONTACT FOR XTL446	2	EA	
BATTERY CONTACT COMPOSITE	1	EA	
BATTERY CONTACT COMPOSITE R	1	EA	
SPRING FOR VOLUME RNOB	1	EA	
ANTENNA WIRE	1	EA	
BATTERY PLATE "-"	0	EA	
BATTERY PLATE "+"	1	EA	
PROTECTIVE PAPER	1	EA	
ANTENNA WIRE CUSHION	1	EA	
SPEAKER NET (DIA34) FELT	1	EA	
SPEAKER CUSHION	1	EA	
SPEAKER SPONGE	1	EA	
TAPTITE SCREW X/HD T2.3X8	5	EA	
BASE CASING BLACK WITH KHAKI FACE PLATE	1	EA	
KEYPAD	1	EA	
PTT BUTTON	1	EA	
BELT CLIP COVER BLACK	1	EA	
FRONT HOUSING	1	EA	
REAR HOUSING	1	EA	
BATTERY D00R	1	EA	
FACEPLATE	1	EA	
FACEPLATE W/O PRINT	1	EA	
PRINITNG FOR FACEPLATE	1	EA	
VOLUME KNOB	1	EA	
VOLUME KNOB W/O PRINT	1	EA	
PRINTING FOR VOLUME KNOB	1	EA	
ANTENNA CAP	1	EA	
ANTENNA INSERT	1	EA	
JACK COVER	1	EA	
LCD LENS	1	EA	
LED LIGHT GUIDE	1	EA	
BASE RF & MAIN PCB (ALL)	1	EA	
BASE CASING COMMON PARTS	1	EA	
STRAND WIRE UL1007 #28 BLACK	0.05	M	SP-
STRAND WIRE UL1007 #28 RED	0.05	M	SP+
SPERKER 32 OHM 0.5W ASAHI-EP LEAD-FREE	1	EA	SPK101
MIC DB C9745 DD422LF-Q050 42dB	1	EA	MIC101
BASE RF & MAIN COMMON PART	1	EA	

Giant Electronics Ltd.

Description	Qty U/M		Schema
-----	-----	-----	-----
CAP. ELECT 6.3V M 220UF 6X5MM	3	EA	C108,C111,C22
CAP. ELECT 6.3V M 220UF 6X5MM	1	EA	C12
SAW FILTER F-11 465MHZ FTF465B FRONTER	1	EA	BPF901
CRYSTAL FILTER FT21M07A 21.4M FRONTER	1	EA	BPF501
CERAMIC FILTER CFT450HT-1 HUATA0	1	EA	BPF502
LCD 27.7X21.2X1.7MM TB4741F FOR SX50A	1	EA	LCD
DIA 2.5mm EARPHONE JACK ST-101	1	EA	J101
HEAT SEAL CABLE P=0.5mm L=18.5mm 16P K&K	1	EA	JW203
SHIELD CAN	1	EA	
BATTERY PLATE "+"	0	EA	
BATTERY PLATE "+"	1	EA	
LCD BRACKET	0	EA	
LCD BRACKET	1	EA	
JACK WASHER	1	EA	
METAL DOME	1	EA	
DOUBLE ADHESIVE LABEL	1	EA	
LCD WASHER	2	EA	
LCD WASHER A	2	EA	
MIC CUSHION COVER	1	EA	
CUSHION FOR FILTER	1	EA	
JTB 450KHZ CERAMIC DISCRIMINATOR	1	EA	L501
RED BACK-LIGHT CTTL-0101R-30X28-LD-OT209	1	EA	
RES.SEMI.F-09115SA A5KB L14.6FCX7	1	EA	VR2
SLIDE TACT SWITCH TS-37-BH-DG	1	EA	K2
CRYSTAL 32.768KHZ 3X8mm FRONTER	1	EA	X101
BASE RF & MAIN PCB SMT COMMON PARTS	1	EA	
PCB 2LAYER 97.0X48.5X1.2MM FR4	1	EA	PCB
BASE RF & MAIN PCB SMT BOTTOM COMMON PART	1	EA	
CAP.CER. CHIP 50V NPO C% 10pF	1	EA	C706
CAP CER CHIP 50V COG +/-5% 100PF EYANG	15	EA	C109,C14,C511,C516,C575,C576,C68,C501,C600,C913 C114,R38,C19,C44,C46
CAP CER CHIP 50V X7R +/-10% 0.001u EYANG	5	EA	C704,C703,C509,C6,C715
CAP CER 0.01U 10% 10V X7R 0402	2	EA	C5,C10
CAP CER CHIP 16V Y5V Z 0.1uF EYANG	5	EA	C505,C558,C907,C514,C512
CAP CER CHIP 10V Y5V 1uF Z PANASONIC 1	4	EA	C510,C29,C141,C3
CAP CER CHIP 6.3V Y5V 1uF Z PANASONIC 0	1	EA	C508
CAP CER CHIP 10V Y5V 10uF Z PANASONIC 2	3	EA	C504,C5188,C513
CAP.CER. CHIP 50V NPO C% 15pF	1	EA	C701
CAP CER 50V X7R K 1500PF 0402	1	EA	C507
CAP. CER. CHIP 50V CH J% 20PF MURATA	3	EA	C101,C102,C708
CAP CER CHIP 16V B K 22NF	1	EA	C11
CAP.CER. CHIP 50V NPO J% 30pF	1	EA	C911

Giant Electronics Ltd.

Description	Qty	U/M	Schema
-----	-----	-----	-----
CAP CER CHIP 50V X7R +/-10% 560PF EYANG	1	EA	C711
CAP CER CHIP 50V COG C 5.6PF 45768-10 GRM15X5C1H5R6CA	2	EA	C904, C705
CAP.CER.CHIP 10V X5R K 0.068UF EYANG	1	EA	C21
CAP CER CHIP 50V COG J 820P 0402	1	EA	C506
LED CHIP KPT-2012EC RED	1	EA	D101
DIODE CHIP SCHOTTKY BARRIER RB715F	1	EA	D1
DIODE PIN 1SS314	2	EA	D106, D701
INDUCTOR CHIP 100NH +/-5% LQG11AR10J00T	2	EA	L706, L704
INDUCTOR CHIP 2.2UH LOG21N2R2K10	1	EA	L903
INDUCTOR CHIP 68NH +/-5% LQG11A68NJ00	3	EA	L705, L703, L701
RES. CHIP 1/16W 0 OHM	1	EA	R61
RES. CHIP 1/16W 1K	1	EA	R270
RES. CHIP 1/16W 1K	4	EA	R507, R702, R126, R62
RES. CHIP 1/16W 10K	7	EA	R504, R513, R514, R515, R12, R34, R72
RES. CHIP 1/16W 100K	1	EA	R502
RES. CHIP 1/16W 100K	2	EA	R911, R589
RES CHIP 1/16W 5% 120K 0402	1	EA	R26
RES. CHIP 1/16W 1.5K	1	EA	R131
RES. CHIP 1/16W 180 0402	1	EA	R177
RES CHIP 1/16W 5% 20K 0402	1	EA	R20
RES. CHIP 1/16W 220	1	EA	R708
RES. CHIP 1/16W 22K	1	EA	R501
RES. CHIP 1/16W 22K	3	EA	C139, R25, R718
RES. CHIP 1/16W 270K 0402	1	EA	R510
RES. CHIP 1/16W 30K 0402	1	EA	C140
RES. CHIP 1/16W 33	1	EA	R135
RES. CHIP 1/16W 3.3K 0402	1	EA	R17
RES. CHIP 1/16W 5% 330K 0402	1	EA	R508
RES. CHIP 1/16W 3.9K	1	EA	C145
RES. CHIP 1/16W 39K 0402	1	EA	R9
RES. CHIP 1/16W 47	1	EA	R512
RES. CHIP 1/16W 47K	4	EA	R87, R88, R37, R42
RES. CHIP 1/16W 470K 0402	1	EA	R509
RES CHIP 1/16W 5% 5.1K 0402	1	EA	R533
RES CHIP 1/16W 5% 6.2K 0402	1	EA	R24
RES. CHIP 1/16W 680 OHM 0402	2	EA	R505, R910
RES. CHIP 1/16W 68K	1	EA	R703
RES CHIP 1/16W 5% 68K 0402	1	EA	R506
RES. CHIP 1/16W 8.2K 0402	1	EA	R701
RES CHIP 1/16W 5% 91K 0402	1	EA	R31
TR.CHIP PNP 2SA1980UF SOT-323F	3	EA	Q15, Q704, Q501
TR CHIP PNP 2SA1586GR 4862830A05	0	EA	Q15, Q704, Q501

Giant Electronics Ltd.

Description	Qty	U/M	Schema
-----	-----	-----	-----
TR.CHIP NPN 2SC5090	2	EA	Q701,Q702
TR.CHIP NPN 2SC5343UF SOT-323F	1	EA	Q101
TR CHIP NPN 2SC4116GR	0	EA	Q101
IC XC6201T302PR 3V REGULATOR SOT-89	1	EA	IC106
BASE RF & MAIN PCB SMT TOP COMMON PART	1	EA	
CAP.CHIP TR1 10P ECRJA010A11 PANASONIC	1	EA	VC501
CAP.CER. CHIP 50V NPO C% 10pF	3	EA	C608,C612,C524
CAP CER CHIP 50V COG +/-5% 100PF EYANG	1	EA	C616
CAP CER CHIP 50V COG +/-5% 100PF EYANG	20	EA	C119,C106,C115,C13,C149,C25,C32,C552,C519,C520 C521,C604,C605,C6111,C615,C722,C809,C824,C814,C35
CAP CER CHIP 50V X7R +/-10% 0.001u EYANG	6	EA	C503,C714,C117,C17,C709,C710
CAP CER 0.01U 10% 10V X7R 0402	10	EA	C121,C42,C5177,C810,C813,C815,C821,C905,C906,C812
CAP CER CHIP 16V Y5V Z 0.1uF EYANG	1	EA	C515
CAP CER CHIP 16V Y5V Z 0.1uF EYANG	10	EA	C33,C34,C37,C1,C41,C517,C70,C713,C118,C196
CAP CER CHIP 10V Y5V 1uF Z PANASONIC 1	2	EA	C27,C620
CAP CER CHIP 6.3V Y5V 1uF Z PANASONIC 0	1	EA	C7
CAP CER CHIP 10V Y5V 10uF Z PANASONIC 2	6	EA	C31,C811,C545,C613,C36,C148
CAP.CER.CHIP 50V CH C% 1PF MURATA	1.6	EA	C712,C526 FOR MATCH -2/-3 CRYSTAL C530 FOR MATCH C3/-4 CRYSTAL
CAP.CER.CHIP 50V CH J% 12PF MURATA	4.15	EA	C609,C531 FOR MATCH C1 CRYSTAL,C819,C806,C601
CAP CER 50V X7R K 1200PF 0402	1	EA	C45
CAP CER CHIP 50V COG 13PF J 0402 MURATA	1	EA	C716
CAP.CER.CHIP 50V CH J% 15PF MURATA	1.3	EA	C717,C531 FOR MATCH -2 CRYSTAL C525 FOR MATCH C4 CRYSTAL
CAP. CER. CHIP 50V CH J% 15PF	1	EA	C903
CAP CER CHIP 50V COG J 150PF	1	EA	C606
CAP CER 50V X7R K 1500PF 0402	1	EA	R67
CAP.CER.CHIP 50V CH C% 1.5PF MURATA	1	EA	C908
CAP.CER.CHIP 50V CH J% 18PF MURATA	1.75	EA	C531 FOR MATCH C3/-3/C4/-4 CRYSTAL,C822
CAP.CER.CHIP 50V X7R +/-10% 0.0018uF EYANG	1	EA	C24
CAP. CER. CHIP 50V CH J% 20PF MURATA	2.3	EA	C5166,C523,C525 FOR MATCH C1/-3 CRYSTAL
CAP.CER.CHIP 50V CH C% 2PF MURATA	0.15	EA	C530 FOR MATCH -3 CRYSTAL
CAP.CER.CHIP 50V CH J% 22PF MURATA	1.3	EA	C525 FOR MATCH C3/-2 CRYSTAL,C718
CAP.CER CHIP 50V COG +/-0.25P 22PF EYANG	0	EA	C525 FOR MATCH C3/-2 CRYSTAL,C718
CAP CER CHIP 50V COG +/-5% 220PF EYANG	1	EA	C603
CAP CER 10V X7R K 2200PF 0402	1	EA	C30
CAP CER CHIP 16V B K 22NF	3	EA	C619,C719,C723
CAP CER CHIP 50V XTR +/-10% 0.022u EYANG	1	EA	R134
CAP. CER. CHIP 16V F Z% 0.22UF	1	EA	C720
CAP CER CHIP 50V COG B 2.4PF	1	EA	C826
CAP. CER. CHIP 50V NPO J 27P 0402	1	EA	C805
CAP. CER. CHIP 50V CH J% 27PF	1	EA	C912

Giant Electronics Ltd.

Description	Qty	U/M	Schema
-----	-----	-----	-----
CAP CER CHIP 16V X7R K 0.027UF EYANG	3	EA	C26, R46, C9
CAP. CHIP 50V B COG 2.7PF 0402	1	EA	C607
CAP.CER. CHIP 50V NPO J% 30pF	1	EA	C622
CAP CER CHIP 10V X7R K 0.033UF EYANG	5	EA	C120, C73, C16, C15, C39
CAP. CHIP 50V COG +/-0.1P 3.3PF 0402	2	EA	C611, C623
CAP CER CHIP 3.6PF +/-0.1PF COG 50V	1	EA	C610
CAP CER CHIP 3.9PF +/-0.1PF COG	1	EA	C614
CAP.CER.CHIP 50V CH C% 4PF MURATA	2.15	EA	C621, C526 FOR MATCH C4 CRYSTAL, C901
CAP CER CHIP 50V NPO J% 47PF MURATA	1	EA	C721
CAP. CER. CHIP 50V CH J% 470PF	2	EA	C801, R136
CAP.CER.CHIP 16V X5R K 0.047UF EYANG	2	EA	C28, C104
CAP. CER. CHIP 50V CH C% 5PF MURATA	2.15	EA	C909, C526 FOR MATCH C1 CRYSTAL, C602
CAP CER CHIP 50V X7R +/-10% 560PF EYANG	2	EA	C4, C57
CAP. CER. CHIP 50V CH C% 6PF MURATA	1	EA	C910
CAP. CER. CHIP 50V U2J J% 62PF	1	EA	C522
CAP CER CHIP 25V X7R +/-10% 6.8nF EYANG	1	EA	C18
CAP.CER.CHIP 10V X5R K 0.068UF EYANG	1	EA	C618
CAP. CER. CHIP 50V CH C% 8PF MURATA	1	EA	C803
DIODE PIN 1SS314	3	EA	D601, D801, D902
DIODE VARACTOR 1SV214	3	EA	VD601, VD701, D503
INDUCTOR CHIP 18NH +-5% LQG18HN18NJ00D	2	EA	L807, L601
INDUCTOR CHIP 22NH +-5% LQG18HN22NJ00D	3	EA	L805, L901, L902
INDUCTOR CHIP 33NH +-5% LQG18HN33NJ00D	2	EA	L910, L904
LQG18HN5N6S00 5.6NH 5% 0603 49744-09	1	EA	L808
INDUCTOR CHIP 68NH +-2% LQW18AN68NG00D	1	EA	L602
INDUCTOR CHIP 82NH +/-5% LQG11A82NJ00	1	EA	L707
THER. NTCCM10053EH220JC TDK 0402 TYPE	1	EA	TR502
THERMISTOR CHIP NTH5G10P40B473K08TH	1	EA	TR601
RES. CHIP 1/16W 0 OHM	2	EA	R801, C8
RES. CHIP 1/16W 0 OHM	6	EA	R231, R40, R52, R65, R51, R66
RES. CHIP 1/16W 10	1	EA	R78
RES. CHIP 1/16W 10 OHM	2	EA	R711, R709
RES. CHIP 1/16W 100	1	EA	R27
RES. CHIP 1/16W 1K	1	EA	R13
RES. CHIP 1/16W 1K	2	EA	R601, R23
RES. CHIP 1/16W 10K	1	EA	R609
RES. CHIP 1/16W 10K	7	EA	R29, R16, R35, R602, R611, R70, R806
CHIP VOLUME 103P0Z3AN1 10KB	2	EA	VR501, VR801
CHIP VR NOBLE TMC3KB10K TR 10K	0	EA	VR501, VR801
RES. CHIP 1/16W 100K	7	EA	R45, R30, R63, R77, R79, R517, R516
RES. CHIP 1/16W 1M	1	EA	R19
RES CHIP 1/16W 5% 12K 0402	3	EA	R605, R10, R5

Giant Electronics Ltd.

Description	Qty	U/M	Schema
-----	-----	-----	-----
RES. CHIP 1/16W 13K 0402	1	EA R612	
RES. CHIP 1/16W 1.5K	1	EA R15	
RES. CHIP 1/16W 15K	2	EA C72, R6	
RES. CHIP 1/16W 180 0402	1	EA R613	
RES CHIP 1/16W 5% 18K 0402	2	EA R36, R805	
RES CHIP 1/16W 5% 20K 0402	2	EA R21, R57	
RES. CHIP 1/16W 200K	1	EA R91	
RES. CHIP 1/16W 220	1	EA R706	
RES. CHIP 1/16W 2.2K	3	EA R82, R68, R44	
RES. CHIP 1/16W 2.2K	7	EA R47, R604, R607, R71, R710, R716, R503	
RES. CHIP 1/16W 22K	8	EA R49, R606, R614, R616, R713, R717, R80, R142	
RES. CHIP 1/16W 220K	2	EA R1, R73	
RES CHIP 1/16W 5% 27K 0402	2	EA R811, R22	
RES. CHIP 1/16W 270K 0402	1	EA R48	
RES. CHIP 1/16W 330	1	EA R32	
RES. CHIP 1/16W 330 OHM 0402	5	EA R712, R715, R809, R902, R69	
RES. CHIP 1/16W 3.3K 0402	5	EA R4, R8, R41, R714, R810	
RES. CHIP 1/16W 5% 330K 0402	1	EA R608	
RES. CHIP 1/16W 390	1	EA R705	
RES. CHIP 1/16W 3.9K	1	EA R3	
RES CHIP 1/16W 5% 390K 0402	2	EA R14, R53	
RES. CHIP 1/16W 47	1	EA R33	
RES. CHIP 1/16W 4.7K 0402	4	EA R58, R603, R39, R146	
RES. CHIP 1/16W 47K	2	EA R2, R60	
RES. CHIP 1/16W 47K	3	EA R11, R207, R18	
RES. CHIP 1/16W 470K 0402	2	EA R903, R707	
CHIP VOLUME POZ3AN-1-502N 5K	1	EA VR1	
CHIP VR NOBLE TMC3KB5K TR 5K	0	EA VR1	
RES. CHIP 1/16W 5.6K 0402	1	EA R812	
RES. CHIP 1/16W 56K	1	EA R54	
RES. CHIP 1/16W 6.8K 0402	2	EA C58, R56	
RES CHIP 1/16W 5% 68K 0402	2	EA C71, R901	
RES. CHIP 1/16W 680K	1	EA R804	
RES CHIP 1/16W 5% 680K 0402	1	EA C146	
RES. CHIP 1/16W 8.2K 0402	1	EA R59	
RES. CHIP 82K 1/16W 0402	1	EA R55	
TR.CHIP PNP 2SA1980UF SOT-323F	5	EA Q803, Q105, Q1, Q604, Q112	
TR CHIP PNP 2SA1586GR 4862830A05	0	EA Q803, Q105, Q1, Q604, Q112	
TR.CHIP NPN 2SC5090	7	EA Q901, Q902, Q601, Q602, Q703, Q805, Q911	
TR.CHIP NPN 2SC5343UF SOT-323F	9	EA Q2, Q3, Q5, Q6, Q8, Q108, Q603, Q605, Q4	
TR CHIP NPN 2SC4116GR	0	EA Q2, Q3, Q5, Q6, Q8, Q108, Q603, Q605, Q4	
TR CHIP FET 2SK3756 TOSHIBA	1	EA Q801	

Giant Electronics Ltd.

Description	Qty U/M		Schema
-----	-----		-----
IC LOW POWER CS34119	1	EA	IC105
IC TB31202FN PLL	1	EA	IC502
IC S1T8825B PLL SAMSUNG	0	EA	IC502
IC YD3361 SOP-16 LOW POWER FM IF	1	EA	IC501
IC ASIC MCU EMC EM78580 U8580-XX001H FOR FRS	1	EA	IC1
SPRING COIL 0.4X1.0X4T QJ WFD	3	EA	L804, L802, L803
COIL SPRING 0.4X1.3X4TS WFD	1	EA	L603
CRYSTAL UNIT	1	EA	X501
CRYSTAL 20.95MHZ BLACK UM-1 CL=15PF	0	EA	X501
CRYSTAL 20.95MHZ YELLOW UM-1 CL=15PF	0	EA	X501
CRYSTAL 20.95MHZ GREEN UM-1 CL=15PF	0	EA	X501
CRYSTAL 20M95HZ B CL=15PF UM-1 CMT WHITE	0	EA	X501
CRYSTAL 20M95HZ C CL=15PF UM-1 CMT YELLOW	0	EA	X501
CRYSTAL 20M95HZ D CL=15PF UM-1 CMT GREEN	0	EA	X501
BASE RF & MAIN UNIQUE PART	1	EA	
BASE RF & MAIN SMT UNIQUE PART	1	EA	
BASE RF & MAIN SMT BOTTOM UNIQUE PART	1	EA	
BASE RF & MAIN SMT TOP UNIQUE PART	1	EA	
PACKING ALL USA BLACK WITH KHAKI FACEPLATE	1	EA	
PACKING COMMON	1	EA	
*FRS CHARGER 650mA BATTERY (ALL)	1	EA	
CHARGER PCB 650mA BATTERY UNIT	1	EA	
CAP.ELECT 25V M% 470UF 10x12mm	2	EA	C1, C2
DIODE LED 3X5.3X36MM RED	2	EA	D3, D4
DIODE IN4004	2	EA	D1, D2
DC JACK DC-210E (D=1.35MM) CHIFUNG	1	EA	J3
CONTACT PCB	4	EA	
PVC TUBE DIA 1MM W/UL CSA	0.044	M	FOR D3+22MM, FOR D4+22MM, E:
CHARGER PCB 124X74X1.6MM	1	EA	
RES METAL-OXIDE 1/2W 5% S 100 OHM	2	EA	R5, R13
RES.METAL-OXIDE 1/4W 5% 180	2	EA	R3, R4
RES METAL-OXIDE 1/2W 5% S 82 OHM	2	EA	R1, R2
CHARGER CASING 650mA BATTERY UNIT	1	EA	
CONTACT PLATE	4	EA	
CHARGER LABEL FOR CH610 R1	1	EA	
UPCOVER	1	EA	
DOWNCOVER	1	EA	
TAPTITE SCREW X/HD T2.3X8	6	EA	
ADAPTOR 120VAC AC9V 200MADVR-0920AC-3508	1	EA	
NI-MH BATTERY 700MAH 3XAAA 3.6V LEXEL	2	EA	
SUPPORT CUSHION	1	EA	
SX500UR SHIPPING CARTON	0.25	EA	

Giant Electronics Ltd.

Description	Qty U/M		Schema
-----	-----		-----
FRONT CLAM FOR T5000R&T6500 SERIES	1	EA	
SX500UR REAR CLAM	1	EA	
SX500R MANUAL	1	EA	
SX500R INNER CLAM	1	EA	
DUAL RESONATOR WITH BARCODE	1	EA	
PE SHEET	2	EA	
REMOVE LABEL	1	EA	
CHECKPOINT TAGS	1	EA	
PROTECTION PAPER FOR CARTON	0.25	EA	
INSERT SX500	2	EA	
BELT CLIP ASSEMBLY	2	EA	
PACKING BLACK WITH KHAKI FACEPLATE	1	EA	
SX500 UCC LABEL	0.25	EA	
ADDRESS LABEL	0.25	EA	
SX500R INSERT CARD	1	EA	
SX500R BOTTOM INSERT CARD	1	EA	

>>>> End of B.O.M. <<<<