

Description	Qty	Reqd.	Schema	Fac
BASE UNIT ALL			1	
STRAND WIRE UL1007 #26 BLACK	0.029		L=29MM,E:	
STRAND WIRE UL1007 #28 BLACK	0.05		JW201L=50MM	
STRAND WIRE UL1007 #28 RED	0.05		JW202L=50MM	
MIC EM-926A-622 WELLIN	1		MIC101	
SPEAKER 32 OHM 0.5W 3632A505	1		SPK101	
SAW FILTER 465MHZ SF465 AEI	1		BPF1	
CRYSTAL FILTER 21.4MHZ AEI 21.4N7.5A2	1		X102	
CERAMIC FILTER CFT450HT HUATAMO	1		BPF2	
35.0X25.0MM 84PINS	1		LCD101,E:	
DIA 3.5MM EARPHONE JACK	1		J1	
HEAT SEAL CABLE P=0.375MM L=34MM 84PINS	1		JW203	
COIL FIXED 2U2H 5%	1		L4	
VCO SHIELD CAN	1		E:	
LCD HOLDER	1		E:	
LCD BASE	1		E:	
LCD SHEET	1		E:	
JTB 450KHZ CERAMIC DISCRIMINATOR	1		L5,E:	
CRYSTAL 20.95MHZ CL=15PF CM-1 ZHENFENG BLACK	0		X103,E:	
CRYSTAL 20.95MHZ CL=15PF UM-1 ZHENFENG	0		X103,E:	
CRYSTAL 20.95MHZ CL=15PF UM-1 ZHENFENG GREEN	0		X103,E:	
CRYSTAL 20.95MHZ ZHENFENG	1		X103,E:	
CRYSTAL UNIT 16.000HMZ 3X8MM	1		X100	
T9100 BASE 4LAYER FR4 52.7X74MM	1		PCB1	
BASE RF & MAIN PCB SMT BOTTOM COMMON PART	1			
CAP.TANT.CHIP 16V M 10uF B KEMET	1		C146,E:	
CAP.CER.CHIP 50V D% 10PF NPO MURATA	0.25		C74 FOR MATCH B1 CRYSTAL,E:	
CAP.CER.CHIP 50V CH J% 100PF MURATA	9		C10,C22,C23,C93,C96,C130,C138,C155,C133,E:	
CAP.CER.CHIP 50V B K% 0.001UF MURATA	2		C11,C16	
CAP. CER. CHIP 10V X7R K 0.01UF	2		C14,C4,E:	
CAP.CER.CHIP 16V F Z% 0.1UF MURATA	11		C19,C25,C26,C28,C65,C136,C137,C139,C6,C47,C110	
CAP. CER. CHIP 10V Y5V Z% 1UF	4		C157,C20,C29,C87	
CAP CER CHIP 10V F Z 10UF	1		C30,E:	
CAP.CER.CHIP 50V CH C% 1PF MURATA	0.5		C73 FOR MATCH B3/B4 CRYSTAL,E:	
CAP.CER.CHIP 50V CH J% 15PF MURATA	0.25		C74 FOR MATCH B3 CRYSTAL,E:	
CAP CER CHIP 50V NPO B 1.5PF	1		C12	
CAP.CER.CHIP 50V CH J% 18PF MURATA	0.25		C72 FOR MATCH B4 CRYSTAL,E:	
CAP. CER. CHIP 50V CH J% 20PF MURATA	0.25		C74 FOR MATCH B4 CRYSTAL,E:	
CAP.CER.CHIP 50V CH J% 22PF MURATA	0.5		C72 FOR MATCH B1/B3 CRYSTAL,E:	
CAP. CER. CHIP 10V X7R K 0.0022UF	4		C17,C18,C5,C42,E:	
CAP.CER.CHIP 50V CH J% 24PF MURATA	1		C15	
CAP. CER. CHIP 50V NPO J 27P 0402	1		C70	
CAP.CER.CHIP 50V CH C% 3PF MURATA	1		C8,E:	
CAP CER CHIP 50V NPO +/-0.25P 3.3PF TDK	1		C59,E:	
CAP. CER. CHIP 10V X7R K 0.047UF	1		C21	
CAP. CER. CHIP 50V CH C% 5PF MURATA	1.5		C27,C71 FOR MATCH B3/B4 CRYSTAL,E:	
CAP. CER. CHIP 50V CH J% 62PF MURATA	1		C68	
CAP. CER. CHIP 50V CH C% 7PF MURATA	1		C13	
CAP. CER. CHIP 50V CH D 9PF MURATA 0402	0.25		C71 FOR MATCH B1 CRYSTAL,E:	
LED CHIP KPA-3010EC RED	2		D107,D108	

Description	Qty	Reqd.	Schema	Fac
LED CHIP KPT-2012EC RED			1 D106,E:	
DIODE PIN 1SS314			2 D101,D102	
INDUCTOR CHIP 22NH +-5% LQG18HN22NJ00D			2 L1,L3,E:	
INDUCTOR CHIP 27NH +-5% LQG18HN27NJ00D			1 L2,E:	
INDUCTOR SMD 3.3NH +/-0.3NH LQG11A3N3S00			1 L17,E:	
RES. CHIP 1/16W 0 OHM			2 R138,C141,E:	
RES. CHIP 1/16W 100 OHM			1 R5,E:	
RES. CHIP 1/16W 1K			3 R130,R23,R12,E:	
RES. CHIP 1/16W 10K			1 R151,E:	
RES. CHIP 1/16W 10K			5 R131,R51,R54,R97,R153,E:	
RES. CHIP 1/16W 100K			2 R126,R96,E:	
RES. CHIP 1/16W 1.2K			1 R17	
RES CHIP 1/16W 5% 120K 0402			1 R22,E:	
RES. CHIP 1/16W 13K 0402			1 R64	
RES. CHIP 1/16W 1.5K			1 R124	
RES. CHIP 1/16W 5% 22 0402			1 R46,E:	
RES. CHIP 1/16W 220			1 R18	
RES. CHIP 1/16W 2.2K			4 R136,R50,R11,R107,E:	
RES. CHIP 1/16W 22K			6 R6,R7,R8,R9,R61,R108,E:	
RES. CHIP 1/16W 220K			1 R93,E:	
RES. CHIP 1/16W 2.7K			2 R21,R59	
RES. CHIP 1/16W 270K 0402			1 R24,E:	
RES. CHIP 1/16W 3K			1 R10,E:	
RES. CHIP 1/16W 390			2 R15,R13,E:	
RES. CHIP 1/16W 4.7K 0402			3 R114,R115,R127	
RES. CHIP 1/16W 47K			1 R113,E:	
RES. CHIP 1/16W 47K			5 R109,R110,R111,R112,R29,E:	
RES. CHIP 1/16W 470K 0402			5 R103,R16,R20,R27,R77,E:	
RES CHIP 1/16W 5% 5.1K 0402			1 R28,E:	
RES. CHIP 1/16W 6.8K 0402			1 R19,E:	
RES CHIP 1/16W 5% 68K 0402			1 R14	
RES CHIP 1/16W 5% 75K 0402			1 R125	
TR CHIP PNP KSA1182-Y			0 Q24,E:	
TR. CHIP PNP 2SA1611-T1 M6			0 Q15,Q18,Q32,E:	
TR CHIP PNP 2SA1586GR 4862830A05			0 Q15,Q18,Q32,E:	
TR CHIP PNP 2SA1979S-Y SOT-23			1 Q24,E:	
TR.CHIP PNP 2SA1980UF SOT-323F			3 Q15,Q18,Q32,E:	
TR CHIP NPN 2SC4116GR			1 Q33,E:	
TR. CHIP NPN 2SC4177-T1 L6			0 Q17,Q19,Q21,Q22,Q23,E:	
TR CHIP NPN 2SC4116GR			0 Q17,Q19,Q21,Q22,Q23,Q1,Q2,Q3,Q4,Q33,E:	
TR. CHIP NPN 2SC4901			2 Q5,Q6,E:	
TR.CHIP NPN 2SC5343UF SOT-323F			10 Q17,Q19,Q21,Q22,Q23,Q1,Q2,Q3,Q4,Q33,E:	
IC LOW POWER NARROW BAND FM IF S1T3361D			1 IC104	
IC S6A0070 LCD DRIVER & CONTROLLER			1 IC107	
BASE RF & MAIN PCB SMT TOP COMMON PART			1	
CAP ELECT CHIP 6V3 20% 100uF			1 C95,E:	
CAP. CHIP TR1MMER 10PF TZBX4100AA110			1 C69	
CAP TANT CHIP 35V M 0.1UF 3216			1 C123,E:	
CAP. TANT. CHIP 6.3V M% 10UF			1 C180,E:	
CAP.TANT.CHIP 16V M 10uF B KEMET			1 C120,E:	

Description	Qty	Reqd.	Schema	Fac
CAP TANT CHIP 220UF M 6.3V	3		C124,C125,C132	
CAP.CER. CHIP 50V NPO C% 10pF	2		C1,C2,E:	
CAP.CER.CHIP 50V CH J% 100PF MURATA	22		C41,C43,C64,C76,C78,C79,C38,C90,C98,C103,C107,C112 C114,C39,C24,C148,C149,C150,C151,C154,C116,C156,E:	
CAP.CER.CHIP 50V B K% 0.001UF MURATA	3		C102,C46,C67	
CAP. CER. CHIP 10V X7R K 0.1UF	1		C91,E:	
CAP.CER.CHIP 16V F Z% 0.1UF MURATA	9		C117,C121,C80,C86,C104,C140,C142,C131,C128,E:	
CAP. CER. CHIP 10V Y5V Z% 1UF	1		C153,E:	
CAP CER CHIP 6.3V Y5V 1uF Z 0402 MURATA	1		C147,E:	
CAP CER CHIP 10V F Z 10UF	4		C89,C63,C113,C40,E:	
CAP.CER.CHIP 50V CH J% 12PF MURATA	4		C52,C56,C33,C37,E:	
CAP. CER. CHIP 50V X7R K 0.0012UF	1		C85,E:	
CAP. CER. CHIP 50V CH J% 150PF MURATA	1		C66,E:	
CAP. CER. CHIP 50V CH J% 150PF	1		C35,E:	
CAP CER CHIP 50V X7R K 0.0015UF MURATA	1		C109	
CAP. CHIP 50V COG +/-0.1P 2PF 0402	3		C55,C57,C9,E:	
CAP.CER.CHIP 50V CH J% 22PF MURATA	1		C34	
CAP.CER. CHIP 50V NPO J% 220pF	1		C49	
CAP. CER. CHIP 10V X7R K 0.0022UF	1		C105,E:	
CAP.CER.CHIP 16V B K% 22NF MURATA	6		C82,C111,C126,C127,C81,C61	
CAP. CER. CHIP 50V NPO C 2.4P 0402	1		C32,E:	
CAP. CER. CHIP 50V NPO J 27P 0402	2		C99,C44,E:	
CAP.CER.CHIP 50V CH J% 270PF MURATA	1		C135	
CAP.CER.CHIP 50V CH J% 33PF MURATA	1		C134,E:	
CAP. CER. CHIP 50V CH J% 33PF	2		C84,C152	
CAP. CER. CHIP 16V F Z% 0.33UF	1		C58,E:	
CAP. CER. CHIP 50V CH C% 3P3F	2		C53,C54,E:	
CAP CER CHIP 50V B NPO 4P	1		C50,E:	
CAP. CER. CHIP 50V B K% 470PF	1		C7,E:	
CAP. CER. CHIP 10V X7R K 0.047UF	1		C108	
CAP. CER. CHIP 50V CH C% 5PF MURATA	1		C36,E:	
CAP. CER. CHIP 50V X7R K 560PF	1		C100	
CAP. CER. CHIP 25V B K% 0.0056UF MURATA	3		C83,C97,C101	
CAP. CER. CHIP 50V CH C% 6PF MURATA	2		C48,C60	
CAP.CER. CHIP 50V NPO J% 68pF	1		C94	
CAP CER CHIP 50V X7R K 680PF MURATA	1		C106	
CAP. CER. CHIP 50V X7R K 0.068UF	1		C62,E:	
CAP. CER. CHIP 50V CH C% 7PF MURATA	1		C51	
CAP. CER. CHIP 50V CH C% 8PF MURATA	1		C45,E:	
DIODE CHIP LL4148	1		D109	
DIODE PIN 1SS314	2		D103,D105	
DIODE VARACTOR 1SV214	1		D104	
INDUCTOR CHIP 12NH +-5% LQG18HN12NJ00D	2		L12,L13,E:	
INDUCTOR CHIP 15NH LQG11A15N	2		L8,L6,E:	
INDUCTOR CHIP 22NH +-5% LQG18HN22NJ00D	2		L7,L16	
INDUCTOR SMD 3.3NH +/-0.3NH LQG11A3N3S00	2		L17,L9,E:	
LQG18HN5N6S00 5.6NH 5% 0603 49744-09	1		L10	
INDUCTOR CHIP 68NH +-5% LQW18AN68NJ00D	1		L14	
RES. CHIP 1/16W 10 OHM	1		R53	
RES. CHIP 1/16W 100 OHM	4		R132,R133,R134,R106,E:	

Description	Qty	Reqd.	Schema	Fac
RES. CHIP 1/16W 1K			4 R30,R86,R44,R104,E:	
RES. CHIP 1/16W 10K			1 R89,E:	
RES. CHIP 1/16W 10K			6 R37,R57,R31,R100,R91,R40	
RES. CHIP 1/16W 100K			1 R129	
RES. CHIP 1/16W 1M			2 R1,R105,E:	
RES CHIP 1/16W 5% 12K 0402			2 R123,R39	
RES CHIP 1/16W 5% 120K 0402			1 R116,E:	
RES. CHIP 1/16W 130K			1 R81	
RES. CHIP 1/16W 1.5K			1 R4,E:	
RES. CHIP 1/16W 15K			1 R38	
RES. CHIP 1/16W 5% 150K 0402			1 R78	
RES CHIP 1/16W 5% 180HM 0402			2 R101,R102	
RES. CHIP 1/16W 180 0402			2 R87,R88,E:	
RES. CHIP 1/16W 5% 22 0402			3 R67,R68,R66,E:	
RES. CHIP 1/16W 220			1 R35,E:	
RES. CHIP 1/16W 2.2K			3 R41,R117,R36,E:	
RES. CHIP 1/16W 2.2K			2 R41,R36,E:	
RES. CHIP 1/16W 22K			8 R48,R49,R84,R85,R118,R128,R137,R34,E:	
RES. CHIP 1/16W 220K			3 R52,R58,R65,E:	
RES. CHIP 1/16W 270K 0402			2 R55,R56,E:	
RES. CHIP 1/16W 3K			1 C88,E:	
RES. CHIP 1/16W 330 OHM 0402			1 R60,E:	
RES. CHIP 1/16W 3.3K 0402			1 R63	
RES. CHIP 1/16W 33K			1 R95,E:	
RES. CHIP 1/16W 5% 330K 0402			1 R76,E:	
RES CHIP 1/16W 5% 390K 0402			1 R79,E:	
RES. CHIP 1/16W 4.7K 0402			7 R42,R94,R121,R148,R150,R120,R152,E:	
RES. CHIP 1/16W 47K			2 R43,R149,E:	
RES. CHIP 1/16W 470K 0402			3 R33,R75,R83,E:	
RES. CHIP 1/16W 51K			1 R80	
RES. CHIP 1/16W 5.6K 0402			1 R32	
RES. CHIP 1/16W 6.8K			1 R45,E:	
CHIP VOLUME POZ3AN-1-682N 6K8			2 VR101,VR102	
RES. CHIP 1/16W 820			1 R117,E:	
RES. CHIP 1/16W 8.2K 0402			1 R122	
RES CHIP 1/16W 5% 820K 0402			1 R82	
TR. CHIP PNP 2SA1611-T1 M6			0	
TR CHIP PNP 2SA1586GR 4862830A05			0 Q8,Q13,Q29,Q16,E:	
TR.CHIP PNP 2SA1980UF SOT-323F			4 Q8,Q13,Q16,Q29,E:	
TR. CHIP NPN 2SC4177-T1 L6			0	
TR CHIP NPN 2SC4116GR			0 Q20,Q12,E:	
TR. CHIP NPN 2SC4901			3 Q9,Q10,Q11,E:	
TR.CHIP NPN 2SC5343UF SOT-323F			2 Q12,Q20,E:	
TR. CHIP FET 2SK3078			1 Q7	
IC LOW POWER CS34119			1 IC106	
IC LM324D 14SOP ON			1 IC105	
IC PCM1770PWR S EA			1 IC108,E:	
IC S1T8825B PLL SAMSUNG			1 IC103	
IC XC6201T302PR 3V REGULATOR SOT-89			1 IC109	
IC MCU AT89C51SND1C FOR FRS T91XX			1 IC102	

Description	Qty	Reqd.	Schema	Fac
1.127MM FEMALE HEADER 2X13P			1 CON101	
COIL SPRING 0.3X1.0X4T			1 L15	
COIL SPRING 0.3X1.0X5T			1 L11	
CAP. CER. CHIP 10V X7R K 0.01UF			1 C129	
CAP CER CHIP 16V Y5V Z 0.1uF EYANG			1 C119,E:	
CAP.CER.CHIP 16V F Z% 0.1UF MURATA			3 C115,C118,C77,E:	
TR CHIP PNP KSA1182-Y			0 Q27,E:	
CAP.CER.CHIP 50V CH C% 3PF MURATA			1 C145,E:	
SCHOTTKY PRL5817 PHILIPS			1 D2,E:	
RES. CHIP 1/16W 0 OHM			1 D1,E:	
RES. CHIP 1/16W 1K			1 R143,E:	
RES. CHIP 1/16W 100K			1 R90,E:	
RES. CHIP 1/16W 100K			1 R99,E:	
RES. CHIP 1/16W 100K			2 R139,R92,E:	
RES. CHIP 1/16W 1M			2 R142,R146,E:	
RES CHIP 1/16W 2M 0402			1 R145,E:	
RES CHIP 1/16W 5% 27 OHM 0402			2 R2,R3	
RES. CHIP 1/16W 270K 0402			1 R147,E:	
RES. CHIP 1/10W 33			1 R141,E:	
RES. CHIP 1/16W 47K			1 R98,E:	
RES CHIP 1/16W 5% 4.7M 0402			1 R144,E:	
TR CHIP PNP 2SA1979S-Y SOT-23			1 Q27,E:	
TR. CHIP NPN 2SC4177-T1 L6			0 Q25,Q26,Q28,Q30,Q31	
TR CHIP NPN 2SC4116GR			0 Q25,Q26,Q28,Q30,Q31,E:	
TR.CHIP NPN 2SC5343UF SOT-323F			5 Q25,Q26,Q28,Q30,Q31,E:	
16MX8BITS NAND FLASH MEMORY TOSHIBA			1 IC101,E:	
1.27MM PIN HEADER 2X13P			1 CON100,E:	
SD CARD CONNECTOR CSD27SKPDB			1 J103,E:	
CONNECTOR SMD USB MUSB-305-S			1 J101,E:	
T9100 CONN FR4 3DX54X1MM			1 PCB2	
METAL TRIM RINGER			1	
PTT INSERT			1	
ANTENNA WIRE			1	
BATTERY PIECE A			1	
BATTERY PIECE B			1	
BATTERY PIECE C			1	
BATTERY PIECE D			1	
TWEAK SPRING			1	
TOP HOOK			1	
TWEAK SPRING B			1	
PTT RUBBER			1	
KEYPAD RUBBER			1	
SPEAKER NET			1	
PVC SHEET 7.6X5.6MM			1	
METAL DOME			1	
PVC SHEET OD10.3XID8.3X0.3MM			1	
PVC SHEET FOR PTT KNOB			1	
PVC FOR USB SOCKET			1	
3M TAPE FOR LCD BRACKET			1	
MIC CUSHION COVER			1	

Description	Qty Reqd.	Schema	Fac
SPEAKER SPONGE	1		
PTT METAL DOME	1		
TAPTITE SCREW X/HD T2.3X6	6		
TAPTITE SCREW X/HD T2.3X8	1		
FRONT HOUSING W/PRINTING	1		
FRONT HOUSING W/O PRINTING	1		
PRINTING FOR FRONT HOUSING	1		
REAR HOUSING W/PRINITNG	1		
REAR HOUSING W/O PRINTING	1		
PRINTING FOR REAR HOUSING	1		
BATTERY DOOR W/PRINTING	1		
BATTERY DOOR W/O PRINTING	1		
PRINTING FOR BATTERY DOOR	1		
LCD LENS	1		
LED LENS	1		
ANTENNA SHROUD W/"M"	1		
ANTENNA HOLDER	1		
SD DOOR	1		
ANTENNA INSERT	1		