

BOMX32		BOM STRUCTURE LISTING (INDENTED	A	MPONENTS)	6.55	PAGE	1
Level	Item	Description		Qty Reqd.	Schema		
Parent	T7100	T7100 GMURS RADIO					
1	T7100B	BASE UNIT (ALL)		1			
0.2	T7100BC	BASE CASING (ALL)		1			
..3	T7100BCXXX	BASE CASING COMMON		1			
...4	KEM-M8351	BATTERY CONTACT ASS		1			
...4	KEM-M8352	LEAF SPRING FOR BELT CLIP		1			
...4	KEM-M8353	CHARGE PLATE		3			
...4	KEM-M8354	COIL SPRING ASS		1			
...4	KEM-M8355	ANTENNA ASS (GMURS)		1			
...4	KEM-M8356	PIN FOR BELT CLIP		1			
...4	KEM-M8357	SPRING FOR LATCH		2			
...4	KEM-OT2263	SPEAKER NET DIA. 35		1			
...4	KEM-OT5963	MIC CUSHION COVER		1			
...4	KEM-OT8351	KEYPAD;T7100		1			
...4	KEM-OT8352	METAL DEMO		1			
...4	KEM-OT8353	PTT BUTTON		1			
...4	KEM-OT8358	CUSHION-LCD		1	E:E514		
...4	KEM-OT8359	CUSHION;BATTERY DOOR		1			
...4	KEM-P8352	REAR HOUSING		1			
...4	KEM-P8353	BATTERY DOOR		1			
...4	KEM-P8354-01	DISPLAY LENS (T7100)		1			
...4	KEM-P8355	VOLUME KNOB		1			
...4	KEM-P8356	ANTENNA SHROUD (GMURS)		1			
...4	KEM-P8357	BATTERY REAR CAP		1			
...4	KEM-P8358	BATTERY CONTACT COVER		1			
...4	KEM-P8360	PTT INSERT		1			
...4	KEM-P8361	BATTERY DOOR LATCH		1			
...4	KEM-P8363	JACK COVER		1			
...4	KEM-P8364	BELT CLIP		1			
...4	KEM-P8365	BRACKET;BELT CLIP		1			
...4	KEM-P8366	BRACKET-ANTENNA		1	E521		
...4	KEM-TS2306X4B	TAPTITE SCREW X/HD T2.3X6		4			
...4	KEM-TS2308X4B	TAPTITE SCREW X/HD T2.3X8		1			
...4	KEM-TS2312X4B	TAPTILE SCREW X/HD T2.3X12		6			
..3	T7100BC4DG	BASE CASING DARK GREY		1			
...4	KEM-P8351-01	FRONT HOUSING (T7100)		1			
....5	KEM-P8351	FRONT HOUSING W/O PRINTING		1			
....5	KEM-P8351-01Z	PRINTING FOR FRONTHOUSING		1			
0.2	T7100B1	BASE RF & MAIN PCB (ALL)		1			
..3	T7100B1XXX	BASE RF & MAIN COMMON		1			
...4	KEC-E226ERMU	CAP. ELECT. 16V M% 22UF		1	C109, E:		
...4	KEC-E227DRMKA	CAP. ELECT. 10V M% 220UF		2	C37, C59, E:		
...4	KECF-0159	CER. FILTER 450KHz LTM450HTW CHEQUERS		1	FLT03		
...4	KECF-0163-A	CRY. FIL. FT21M15A1 21.4M WITH INSU. CHIP FRONTER		1	FLT02		

...4	KED-LC043-1	4 DIGIT WITH ICON 24X23X1.9MM TB3115B	1	LCD1
...4	KEJ-382	JACK 2.5MM STEREO ST-2574 48707-02	1	JACK3
...4	KEJW-FC130-B	HEAT SEAL PAPER 1.4PX10HX18.1L12PINS	1	PCB-LCD, E:
...4	KEJW-SA28BK	STRAND WIRE UL1007 #28 BLACK	0.05	FOR SPK
Elect. c checked by _____		Mech. checked by _____	are checked by by _____	
BOMX32		BOM STRUCTURE LISTING (INDENTED A	MPONENTS)	6.55 PAGE 2
Level	Item	Description	Qty Reqd.	Schema
...4	KEJW-SA28RD	STRAND WIRE UL1007 #28 RED	0.05	FOR SPK
...4	KEL-S110	COIL SPRING 1.7X0.5X2.5TS-P	1	L14
...4	KEM-OT8354	LCD LIGHTGUIDE	1	
...4	KEM-OT8356	DUAL SIDE TYPE FOR LCD	1	E:E514
...4	KEM-OT8357	DOUBLE SIDE TYPE FOR LCD-PCB	2	E:E514
...4	KEOE-OT482	JTB 450KHZ CERAMIC DISCRIMINATOR	1	L13
...4	KER-502RD901S14	RES. SEMI. RD901S-20-146F-A53-0038 (A5K)	1	VR03
...4	KESP-095-1	MIC EM-926A-622 WELLIN	1	MIC1
...4	KESP-160-B	SPEAKER 36A675 32B(I)-3H27	1	SPK1, E:
...4	KESW-129-A1	TACT SWITCH TS-35U-BH-2-01 CHIFUNG	1	SW1
...4	KEX-0352-A1	CRYSTAL 4MHZ HC-49/US CL=16PF COMMUTEK	1	XTAL02
...4	T7100B1S	BASE RF & MAIN PCB SMT	1	
....5	KEPC-656-B1	PCB RF 103.5X46X1.2 FR4 4LAYER	1	E:
....5	T7100B1SB	BASE RF & MAIN PCB SMT BOTTOM PARTS	1	
.....6	KCC-TRO03	CAP. CHIP TRIMMER 10PF TZBX4100AA110	1	TC01
.....6	KCC-101FRJNPOE	CAP. CER. CHIP 50V CH J% 100PF	1	C93
.....6	KCC-102FRKBE	CAP. CER. CHIP 50V B K% 0.001UF	4	C81, C305, C20, C21
.....6	KCC-103FRKBE	CAP. CER. CHIP 50V B K% 0.01UF	15	C06, C16, C40, C41, C50, C53, C55, C56, C104, C303, C57, C116
.....6	KCC-104DRKBE	CAP. CER. CHIP 16V B K% 0.1UF	14	C49, C103, C108
.....6	KCC-105DRKBF	CAP. CER. CHIP 16V B K 1UF 0805	5	C17, C22, C23, C24, C27, C31, C91, C100, C105, C113, C25
.....6	KCC-106BRZFM-1	CAP. CER. CHIP 10V F Z% 10UF	2	C115, C95, C28
.....6	KCC-120FRJNPOE	CAP. CER. CHIP 50V CH J% 12PF	3	C26, C201, C202, C205, C206
.....6	KCC-150FRJNPOE	CAP. CER. CHIP 50V CH J% 15PF	2	C94, C83
.....6	KCC-152FRKBE	CAP CHIP 50V +/-5% B 1.5nF 0603	1	C46, C09, C63
.....6	KCC-159FRCNPOE	CAP. CER. CHIP 50V CH C% 1.5PF	2	C03, C65
.....6	KCC-181FRJNPOE	CAP. CER. CHIP 50V CH J% 180PF	1	C96
.....6	KCC-209FRCNPOE	CAP. CER. CHIP 50V CH C% 2PF	1	C38, C07
.....6	KCC-220FRJNPOE	CAP. CER. CHIP 50V CH J% 22PF	1	C98
.....6	KCC-221FRJNPOE	CAP. CER. CHIP 50V CH J% 220PF	2	C34, E:
.....6	KCC-222FRKBE	CAP. CER. CHIP 50V B K% 0.0022UF	1	C32
.....6	KCC-223FRKBE	CAP. CER. CHIP 50V B K% 0.022UF	9	C54, C58
.....6	KCC-224DRKBF	CAP. CER. CHIP 16V K 220nF B	3	C90
.....6	KCC-225DZY5VGNM	CAP. CER. CHIP 16V 2.2UF Y5V 0805	2	C73, C86, C87, C89, C304, C74, C76, C77, C78
.....6	KCC-240FRJNPOE	CAP. CER. CHIP 50V CH J% 24PF	1	C42, C306, C203
.....6	KCC-249FRCNPOE	CAP. CER. CHIP 50V CH C% 2.4PF	1	C117, C204
.....6	KCC-270FRJNPOE	CAP. CER. CHIP 50V CH J% 27PF	2	C18
.....6	KCC-272FRKBB	CAP. CER. CHIP 50V B K% 0.0027uF	1	C62
				C52, C68
				C92

.....6	KCC-300FRJNPOB	CAP. CER. CHIP 50V CH J% 30PF	1	C72
.....6	KCC-309FRCNPOE	CAP. CER. CHIP 50V CH C% 3PF	1	C08
.....6	KCC-330FRJNPOE	CAP. CER. CHIP 50V CH J% 33PF	3	C107, C106, C64
.....6	KCC-332FRKBE	CAP. CER. CHIP 50V B K% 0.0033UF	1	C97
.....6	KCC-333ERKBE	CAP. CER. CHIP 25V B K% 0.033UF	1	C79
.....6	KCC-369FRCNPOE	CAP. CER. CHIP 50V CH C% 3.6PF	1	C114, E:
.....6	KCC-392FRKBB	CAP. CER. CHIP 50V B K% 0.0039UF	1	C75
.....6	KCC-409FRCNPOE	CAP. CER. CHIP 50V CH C% 4PF	4	C44, C45, C47, C39, E:
.....6	KCC-470FRJNPOE	CAP. CER. CHIP 50V CH J% 47PF	1	C307

Elect. c checked by _____ Mech. checked by _____ are checked by by _____

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Level	Item	Description	Qty	Reqd.	Schema		
.....6	KCC-471FRJNPOE	CAP. CER. CHIP 50V CH J% 470PF	6		C88, C301, C302, C01, C33, C48		
.....6	KCC-472FRKBE	CAP. CER. CHIP 50V B K% 4700PF	2		C29, C112		
.....6	KCC-473DRKBB	CAP. CER. CHIP 16V B K% 0.047uF	2		C35, C80		
.....6	KCC-474DRZFE	CAP. CER. CHIP 16V F Z 0.47UF 0603 MURATA	2		C207, C208		
.....6	KCC-475DRZFM-1	CAP. CER. CHIP 16V F Z% 4U7	1		C99		
.....6	KCC-509FRCNPOE	CAP. CER. CHIP 50V CH C% 5PF	3		C66, C05, C70		
.....6	KCC-609FRCNPOE	CAP. CER. CHIP 50V CH C% 6PF	2		C60, C61		
.....6	KCC-620FRJU2JE	CAP. CER. CHIP 50V U2J J% 62PF	1		C67		
.....6	KCC-709FRCNPOB	CAP. CER. CHIP 50V CH C 7PF	2		C43, C04		
.....6	KCC-809FRDNPOE	CAP. CER. CHIP 50V CH D% 8PF	2		C02, C51		
.....6	KCC-820FRJNPOE	CAP. CHIP 50V +/-5% NP0 82PF 0603 MURATA	5		C19, C85, C82, C101, C15		
.....6	KCC-821FRKBE	CAP. CER. CHIP 50V B K 820PF 0603 MURATA	1		C30		
.....6	KCD-RB715F	DIODE CHIP SCHOTTKY BARRIER RB715F	1		D07		
.....6	KCD-1SS314	DIODE PIN 1SS314	4		D03, D04, D01, D02		
.....6	KCD-214	DIODE VARACTOR 1SV214	1		D05		
.....6	KCL-120MU-1	INDUCTOR CHIP 12NH +-5% LQG18HN12NJ00D	1		L17		
.....6	KCL-220SD-JB	INDUCTOR CHIP 22NH +-5% SDCL1608C22NJ	2		L16, L04		
.....6	KCL-222MU	INDUCTOR CHIP 2.2UH LOG21N2R2K10	1		L12		
.....6	KCL-270MU-1	INDUCTOR CHIP 27NH +-5% LQG18HN27NJ00D	1		L11		
.....6	KCL-470MU-1	INDUCTOR CHIP 47NH +-5% LQG18HN47NJ00D	2		L05, L06		
.....6	KCL-560CO-GA	INDUCTOR CHIP 56NH CCSP 0805 56NG	1		L15		
.....6	KCR-TR220TD	THER. NTCCM10053EH220JC TDK 0402 TYPE	2		FR01, FR02		
.....6	KCR-000B	RES. CHIP 1/16W 0 OHM	2		C69, L03		
.....6	KCR-101B	RES. CHIP 1/16W 100	1		R02		
.....6	KCR-103B	RES. CHIP 1/16W 10K	2		R19, R40		
.....6	KCR-104B	RES. CHIP 1/16W 100K	4		R73, R59, R78, R61		
.....6	KCR-105B	RES. CHIP 1/16W 1M	2		R38, R306		
.....6	KCR-123B	RES. CHIP 1/16W 12K	6		R54, R96, R310, R311, R312, R313		
.....6	KCR-124B-A	RES CHIP 1/16W 120K 1%	1		R52, E:		
.....6	KCR-124C	RES. CHIP 1/16W 120K	2		R98, R309		
.....6	KCR-153B	RES. CHIP 1/16W 15K	4		R307, R47, R92, R44		
.....6	KCR-154B	RES. CHIP 1/16W 150K	1		R71		
.....6	KCR-183B	RES. CHIP 1/16W 18K	3		R90, R01, R57		
.....6	KCR-200B	RES. CHIP 1/16W 20	1		R30, E:		

.....6	KCR-220B	RES. CHIP 1/16W 22	1	R22
.....6	KCR-221B	RES. CHIP 1/16W 220	1	R25
.....6	KCR-222B	RES. CHIP 1/16W 2. 2K	4	R15, R17, R94, R95, E:
.....6	KCR-223B	RES. CHIP 1/16W 22K	4	R21, R50, R68, R20, E:
.....6	KCR-224B	RES. CHIP 1/16W 220K	1	R302
.....6	KCR-225C	RES. CHIP 1/16W 2M2 0603	1	R93
.....6	KCR-243B	RES. CHIP 1/16W 24K	6	R55, R314, R315, R316, R317, R63
.....6	KCR-272B	RES. CHIP 1/16W 2. 7K	2	R36, R10, E:
.....6	KCR-273B	RES. CHIP 1/16W 27K	2	R24, R29, E:
.....6	KCR-330B	RES. CHIP 1/16W 33	1	R91
.....6	KCR-331B	RES. CHIP 1/16W 330	3	R04, R66, R33
.....6	KCR-332B	RES. CHIP 1/16W 3. 3K	3	R28, R49, R11, E:
.....6	KCR-333B	RES. CHIP 1/16W 33K	5	R97, R304, R72, R74, R31
.....6	KCR-333B-A	RES. CHIP 1/16W 33K (1%)	2	R76, R77
Elect. c checked by _____		Mech. checked by _____	are checked by by _____	
BOMX32		BOM STRUCTURE LISTING (INDENTED	A	MPONENTS)
Level	Item	Description	Qty Reqd.	Schema
.....6	KCR-334B	RES. CHIP 1/16W 330K	2	R13, R37, E:
.....6	KCR-392B	RES. CHIP 1/16W 3. 9K	1	R26, E:
.....6	KCR-393B	RES. CHIP 1/16W 39K	1	R305
.....6	KCR-394B	RES. CHIP 1/16W 390K	1	R14
.....6	KCR-470B	RES. CHIP 1/16W 47R	2	R45, R89
.....6	KCR-471B	RES. CHIP 1/16W 470	3	R05, R65, R35
.....6	KCR-472B	RES. CHIP 1/16W 4. 7K	8	R16, R18, R69, R79, R86, R32, R308, R42
.....6	KCR-473B	RES. CHIP 1/16W 47K	8	R109, R62, R67, R87, R75, R64, R70, R41
.....6	KCR-474B	RES. CHIP 1/16W 470K	9	R07, R51, R80, R81, R82, R83, R84, R85, R08, E:
.....6	KCR-502POZ3AN1	CHIP VOLUME POZ3AN-1-502N 5K	3	VR01, VR02, VR04
.....6	KCR-513B	RES. CHIP 1/16W 51K	1	R58
.....6	KCR-562B	RES. CHIP 1/16W 5K6	1	R23
.....6	KCR-564B	RES. CHIP 1/16W 560K	1	R56
.....6	KCR-564B-A	RES. CHIP 1/16W 560K (1%)	1	R53
.....6	KCR-682B	RES. CHIP 1/16W 6. 8K	3	R06, R46, R09
.....6	KCR-683B	RES. CHIP 1/16W 68K	3	R12, R60, R34
.....6	KCR-823B	RES. CHIP 1/16W 82K	2	R301, R303
.....6	KCR-824B	RES. CHIP 1/16W 820K	1	R48
.....6	KCT-DTA115TUA	TR. CHIP PNP DTA115TUA ROHM	1	TR15
.....6	KCT-DTA123YUA	TR. CHIP PNP DIGITAL DTA123YUA	1	TR11
.....6	KCT-DTC143TUA	TR. CHIP NPN DTC143TUA	1	TR04
.....6	KCT-DTC143XUA	TR. CHIP NPN DTC143XUA ROHM	1	TR31
.....6	KCT-NE5510279A	RF POWER N-FET NE5510279A NEC	1	TR09
.....6	KCT-2SA1611-M6	TR. CHIP PNP 2SA1611-M6	2	TR17, TR05
.....6	KCT-2SC4177-L6	TR. CHIP NPN 2SC4177-L6	2	TR03, TR12
.....6	KCT-2SC4901	TR. CHIP NPN 2SC4901	3	TR01, TR06, TR07
.....6	KCT-2SC5754	TRS CHIP NPN 2SC5754 M04 NEC	1	TR08
.....6	KCT-3SK320-1	TR CHIP FET DUAL GATE 3SK320 LOW ESD	1	TR02
.....6	KCT-3SK320	TR. CHIP FET DUAL GATE 3SK320	0	*

.....6	KECF-0165	SAW FILTER HDF465AS YEL SMD	1	FLT01
.....6	KEIC-LM324D-A	IC LM324D 14SOP ON	2	IC03, IC04
.....6	KEIC-MC3361CD	IC MC3361C S016 IF SYSTEM	1	IC01
.....6	KEIC-SL5020	IC SL5020 COMPANDER SOP14	1	IC21
.....6	KEIC-DBL5020V	IC DBL5020V COMPANDOR SOP	0	*
.....6	KEIC-S1T8825B	IC S1T8825B PLL SAMSUNG	1	IC02
.....6	KEIC-UTC34119S	IC UTC34119 LOW POWER AUDIO AMP SOP-8	1	IC05
.....6	KEIC-CS34119	IC LOW POWER CS34119	0	*
.....6	KEIC-XC6201P402	IC XC6201P402MR 4V REGULATOR TOREX	1	IC06
.....6	KEIC-255	IC MCU TMP87CH47U-5CV2 FOR T70USXX	1	IC07, E:
.....6	KEL-S121	COIL SPRING 1.3X0.4X4TS-P WFD	4	L01, L02, L18, L20
.....6	KEL-S122	COIL SPRING 1.3X0.4X3TS-P WFD	2	L21, L19
.....6	KEM-M8358	SHIELD CAN	1	E521
.....6	KEX-0394-1	CRYSTAL 20M95HZ A CL=15PF UM-5 NDK BLACK	1	XTAL01
....5	T7100B1ST	BASE RF & MAIN PCB SMT TOP PARTS	1	
.....6	KCD-KPA3010EC	LED CHIP KPA-3010EC RED	1	D09
.....6	KCD-L16R-KB	LED CHIP KPJA-2107SRC-PRV RED 2.1X0.7MM	4	D11, D12, D13, D14
1	T7100C	CHARGER UNIT (ALL)	1	E:
0.2	T7100CC	CHARGER CASING (ALL)	1	E:
BOMX32		BOM STRUCTURE LISTING (INDENTED A	MPONENTS)	6.55 PAGE 5
Level	Item	Description	Qty Reqd.	Schema
..3	T7100CCXXX	CHARGER CASING COMMON	1	E:
...4	KEM-M10691	CONTACT PLATE	5	E:
...4	KEM-P10691	CHARGER FRONT CABINET	1	E:
...4	KEM-P10692	CHARGE BACK CABINET	1	E:
...4	KEM-TS2608P2N	TAPPING SCREW P/H T2.6X8	3	E:
0.2	T7100C1	CHARGER PCB (ALL)	1	E:
..3	T7100C1XXX	CHARGER PCB COMMON	1	E:
...4	KEC-104FRZFT	CAP. CER. 50V F Z% 0.1UF	3	C1, C2, C3, E:
...4	KED-4001-A	DIODE IN4001	2	D1, D2, E:
...4	KEJ-002	EAR PHONE JACK 2.5MM	1	E:
...4	KEJW-XXXBJW-23	WIRE BARE TINNED	0.06	D2AR_BT, E:
...4	KEM-M10692	CONTACT PLATE PCB	5	E:
...4	KEPC-217-A	PCB CHARGER 60X70X1.6 XPC 94V0	1	E:
...4	KER-102CBB	RES. C-FILM 1/4W 5% S 1K	1	R1, E:
...4	KER-103CBB	RES. C-FILM 1/4W 5% S 10K	1	R2, E:
...4	KET-KSA733C-G	TRANSISTOR PNP TR KSA733C-G	1	Q2, E:
...4	KET-SS8550D	TRANSISTOR PNP SS8550D	1	Q1, E:
1	T7100P	PACKING (ALL)	1	
0.2	T7100PXXXX	PACKING COMMON	1	
..3	KEAD-162	DC ADAPTOR 117VAC 6.5VDC 200MA DV6520	1	E:
..3	KEBT-046	BATT NIMH 1400MA 4-8V RECHARGEABLE	1	E:
..3	KEM-OT8360	LENS PROTECTING FILM	1	E521
..3	KEM-P8367	CHARGER BRACKET	1	E:
..3	KESP-179	EARBUD WITH PTT MIC NTN8870C 53727B	1	E:
0.2	T7100PX1CA	PACKING CANADA	1	

0.2	T7100PX1LA	PACKING LATIN AMERICA	1
0.2	T7100PX1US	PACKING USA	1

Th e Latest ECN No. is : 514

Elect. c hecked by _____ Mech. checked by _____ are checked by by _____

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