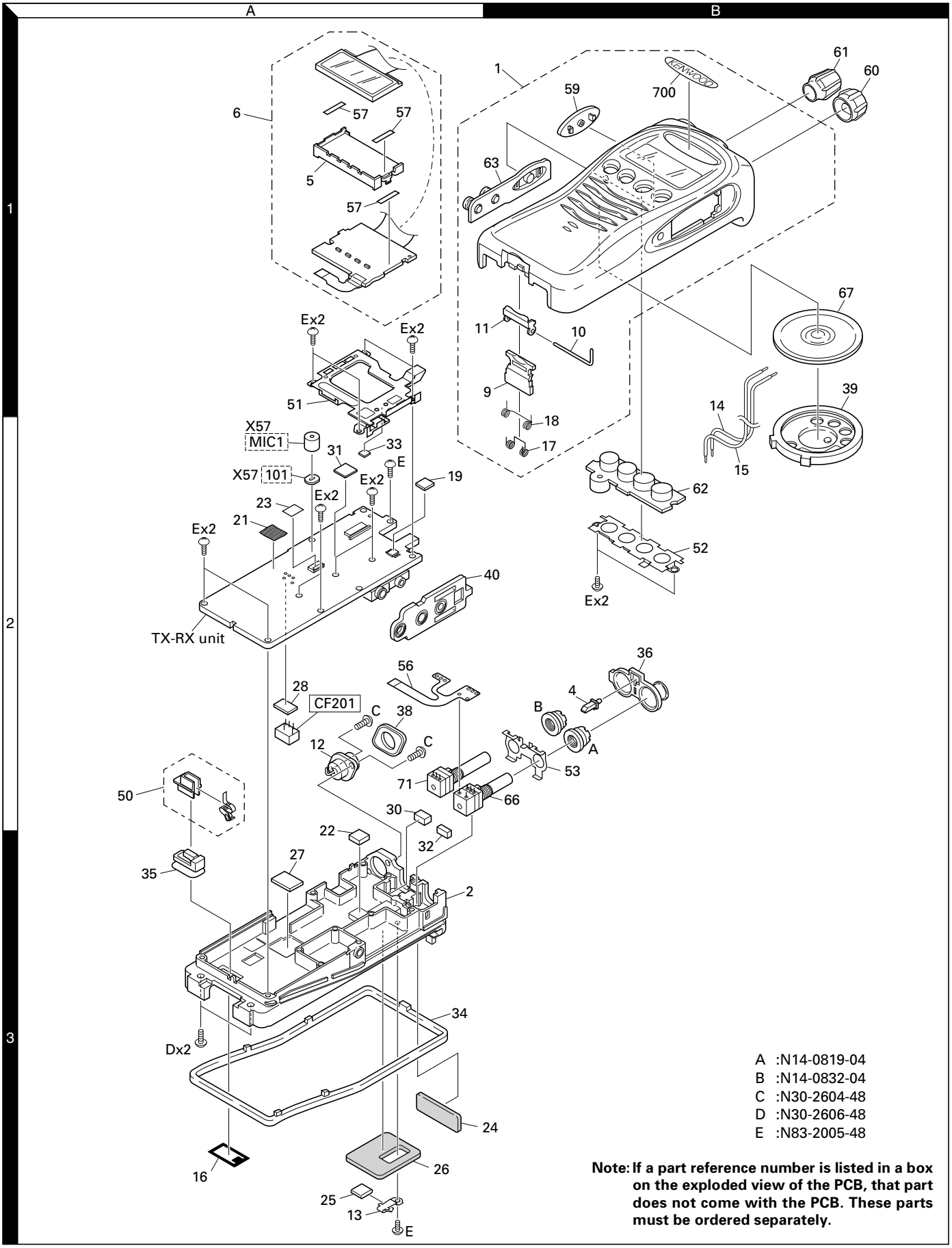
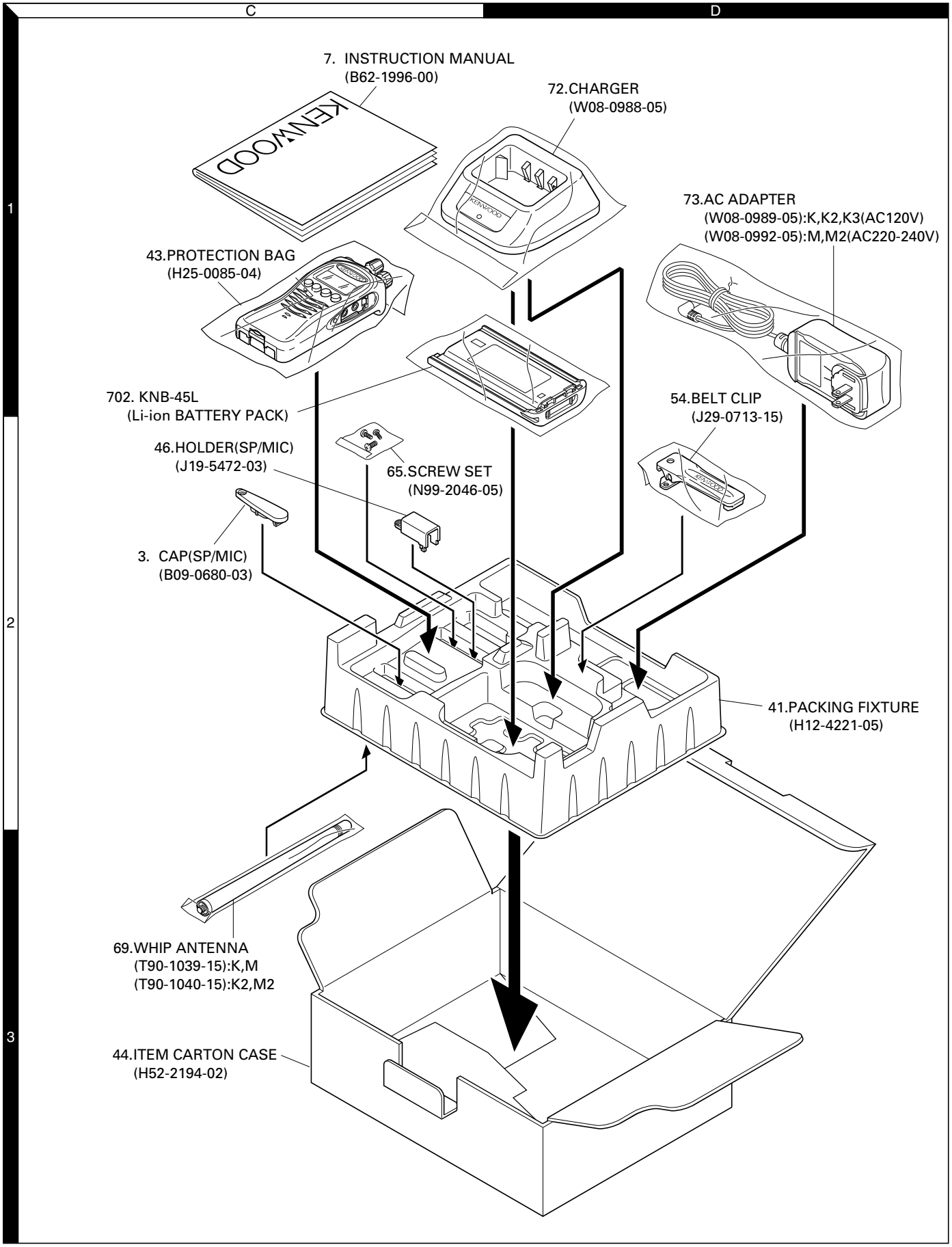
EXPLODED VIEW



Note: If a part reference number is listed in a box on the exploded view of the PCB, that part does not come with the PCB. These parts must be ordered separately.

Parts with the exploded numbers larger than 700 are not supplied.

PACKING



Parts with the exploded numbers larger than 700 are not supplied.

TK-3212L

PARTS LIST

∗ New Parts. ⚠ indicates safety critical components.
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

L: Scandinavia **K**: USA **P**: Canada
Y: PX (Far East, Hawaii) **T**: England **E**: Europe
Y: AAFES (Europe) **X**: Australia **M**: Other Areas

TK-3212L (Y50-6220-XX)
TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
TK-3212L					
1	1B	∗	A02-3894-43	PLASTIC CABINET ASSY	
2	3A	∗	A10-4078-41	CHASSIS	
3	2C		B09-0680-03	CAP(SP/MIC) ACCESSORY	
4	2B		B11-1817-04	ILLUMINATION GUIDE(TX/RX)	
5	1A		B11-1830-03	ILLUMINATION GUIDE(LCD)	
6	1A		B38-0906-25	LCD ASSY	
7	1C	∗	B62-1996-00	INSTRUCTION MANUAL	
9	1B		D10-0649-03	LEVER	
10	1B		D21-0863-04	SHAFT	
11	1B		D32-0441-03	STOPPER	
12	2A		E04-0465-05	RF COAXIAL RECEPTACLE(SMA)	
13	3A		E23-1253-04	TERMINAL(BATT-)	
14	2B		E37-1158-05	PROCESSED LEAD WIRE(WHITE:SP+)	
15	2B		E37-1176-05	PROCESSED LEAD WIRE(GREEN:SP-)	
16	3A		F20-3353-14	INSULATING SHEET(CHASSIS BATT+)	
17	2B		G01-4542-04	COIL SPRING(LEVER)	
18	2B		G01-4543-04	COIL SPRING(STOPPER)	
19	2A		G10-1330-04	FIBROUS SHEET(IC302:AUDIO IC)	
21	2A		G10-1348-04	FIBROUS SHEET(SP WIRE)	
22	3A		G11-4283-04	RUBBER SHEET(Q103:FINAL FET)	
23	2A		G11-4359-04	SHEET(FPC CONNECTOR)	
24	3A		G13-2009-04	CUSHION(CHASSIS)	
25	3A		G13-2033-04	CUSHION(TERMINAL BATT-)	
26	3A		G13-2034-14	CUSHION(TERMINAL BATT-)	
27	3A	∗	G13-2038-24	CUSHION(CHASSIS-CERAMIC FILTER)	
28	2A	∗	G13-2039-14	CUSHION(PCB-CERAMIC FILTER)	
30	2A		G13-2053-04	CUSHION(CHASSIS,ENC)	
31	2A		G13-2074-04	CUSHION(PCB)	
32	3A		G13-2088-04	CUSHION(CHASSIS,VOL)	
33	2A		G13-2107-04	CUSHION(MOUNTING HARDWARE)	
34	3A		G53-1604-03	PACKING(CHASSIS)	
35	3A		G53-1605-03	PACKING(TERMINAL BATT+)	
36	2B		G53-1606-13	PACKING(VOL/ENC/LED)	
38	2A		G53-1610-04	PACKING(SMA)	
39	2B		G53-1660-03	PACKING(SP)	
40	2A		G53-1661-03	PACKING(SP/MIC)	
41	2D		H12-4221-05	PACKING FIXTURE	
43	1C		H25-0085-04	PROTECTION BAG (100/200/0.07)	
44	3D	∗	H52-2194-02	ITEM CARTON CASE	
46	2C		J19-5472-03	HOLDER(SP/MIC) ACCESSORY	
50	2A		J19-5473-03	HOLDER ASSY(TERMINAL BATT+)	
51	1A		J21-8496-02	MOUNTING HARDWARE(LCD)	
52	2B		J21-8497-03	MOUNTING HARDWARE(4 KEY)	
53	2B		J21-8525-03	MOUNTING HARDWARE(VOL/ENC)	
54	2D		J29-0713-15	BELT CLIP ACCESSORY	
56	2A		J82-0107-05	FPC	
57	1A		J99-0385-04	ADHESIVE SHEET(LCD)	
59	1B		K29-9308-23	BUTTON KNOB(PTT)	
60	1B		K29-9309-03	KNOB(VOL)	
61	1B		K29-9345-04	KNOB(ENC)	
62	2B		K29-9346-02	KEY TOP	
63	1B		K29-9364-03	BUTTON KNOB(SIDE1/SIDE2)	

Ref. No.	Address	New parts	Parts No.	Description	Destination
A	2B		N14-0819-04	CIRCULAR NUT(VOL KNOB)	
B	2B		N14-0832-04	CIRCULAR NUT(CH KNOB)	
C	2A		N30-2604-48	PAN HEAD MACHINE SCREW(SMA)	
D	3A		N30-2606-48	PAN HEAD MACHINE SCREW(CHASSIS)	
E	1A,2A, 2B,3A		N83-2005-48	PAN HEAD TAPTITE SCREW(PCB)	
65	2C		N99-2046-05	SCREW SET ACCESSORY	
66	2A		R31-0661-05	VARIABLE RESISTOR(POWER SW/VOL)	
67	1B		T07-0760-25	SPEAKER	
69	3C		T90-1039-15	WHIP ANTENNA ACCESSORY	K,M
69	3C		T90-1040-15	WHIP ANTENNA ACCESSORY	K2,M2
71	2A		W02-3711-05	ENCODER	
72	1D		W08-0988-05	CHARGER ACCESSORY	
73	1D		W08-0989-05	AC ADAPTER (AC120V) ACCESSORY	K,K2
73	1D		W08-0992-05	AC ADAPTER (AC220-240V) ACCESSORY	M,M2
TX-RX UNIT (X57-7130-XX) -12: K,M -13: K2,M2					
D403			B30-2156-05	LED(RED)	
D404			B30-2157-05	LED(YELLOW)	
C1			CK73HB1H332K	CHIP C 3300PF K	
C2			CK73HB1C682K	CHIP C 6800PF K	
C3			CK73GB1A105K	CHIP C 1.0UF K	
C4			CK73HB1C103K	CHIP C 0.010UF K	
C5			CK73HB1H102K	CHIP C 1000PF K	
C6			CK73HB1A104K	CHIP C 0.10UF K	
C7 ,8			CC73HCH1H101J	CHIP C 100PF J	
C9			CC73HCH1H100D	CHIP C 10PF D	
C10			CS77AA0J100M	CHIP TNTL 10UF 6.3WV	
C11			CC73HCH1H101J	CHIP C 100PF J	
C12			CK73HB1H102K	CHIP C 1000PF K	
C13			CK73HB1A104K	CHIP C 0.10UF K	
C14			CK73HB1C103K	CHIP C 0.010UF K	
C15			CC73HCH1H100D	CHIP C 10PF D	
C16			CK73HB1H102K	CHIP C 1000PF K	
C17			CC73HCH1H470J	CHIP C 47PF J	
C18			CC73HCH1H180J	CHIP C 18PF J	
C19			CK73HB1A104K	CHIP C 0.10UF K	
C21			CS77AA0J100M	CHIP TNTL 10UF 6.3WV	
C22			CS77AA1VR33M	CHIP TNTL 0.33UF 35WV	
C24			CK73HB1H102K	CHIP C 1000PF K	
C25			CC73HCH1H020B	CHIP C 2.0PF B	
C26			CC73HCH1H300J	CHIP C 30PF J	
C27			CS77CA1C3R3M	CHIP TNTL 3.3UF 16WV	
C29			CK73HB1H471K	CHIP C 470PF K	
C32			CS77CA1V0R1M	CHIP TNTL 0.1UF 35WV	
C33 ,34			CK73HB1H102K	CHIP C 1000PF K	
C35			CC73HCH1H270J	CHIP C 27PF J	
C38			CC73HCH1H050B	CHIP C 5.0PF B	
C39			CK73GB1H332K	CHIP C 3300PF K	
C40			CC73HCH1H030B	CHIP C 3.0PF B	
C41			CK73GB1H682K	CHIP C 6800PF K	
C42			CC73HCH1H050B	CHIP C 5.0PF B	
C43			CC73HCH1H100C	CHIP C 10PF C	
C44			CK73HB1H471K	CHIP C 470PF K	

PARTS LIST

TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
C45			CK73GB1A105K	CHIP C 1.0UF K	
C47			CC73HCH1H101J	CHIP C 100PF J	
C48			CK73HB1H471K	CHIP C 470PF K	
C49			CC73HCH1H101J	CHIP C 100PF J	
C50			CC73HCH1H100D	CHIP C 10PF D	
C52			CC73HCH1H110J	CHIP C 11PF J	K,M
C52			CC73HCH1H120J	CHIP C 12PF J	K2,M2
C54			CC73HCH1H090B	CHIP C 9.0PF B	
C55			CC73HCH1H110J	CHIP C 11PF J	K,M
C55			CC73HCH1H120J	CHIP C 12PF J	K2,M2
C56			CC73HCH1H020B	CHIP C 2.0PF B	K,M
C58			CC73HCH1H060B	CHIP C 6.0PF B	K,M
C58			CC73HCH1H090B	CHIP C 9.0PF B	K2,M2
C59 ,60			CC73HCH1H010B	CHIP C 1.0PF B	
C61			CC73HCH1H030B	CHIP C 3.0PF B	K,M
C61			CC73HCH1H040B	CHIP C 4.0PF B	K2,M2
C62			CC73HCH1H020B	CHIP C 2.0PF B	
C63			CC73HCH1H101J	CHIP C 100PF J	
C64			CC73HCH1H040B	CHIP C 4.0PF B	K,M
C64 ,65			CC73HCH1H050B	CHIP C 5.0PF B	K2,M2
C65 ,66			CC73HCH1H060B	CHIP C 6.0PF B	K,M
C66			CC73HCH1H060B	CHIP C 6.0PF B	K2,M2
C67			CC73HCH1H050B	CHIP C 5.0PF B	K,M
C67			CC73HCH1H070B	CHIP C 7.0PF B	K2,M2
C68 -70			CK73HB1H471K	CHIP C 470PF K	
C71 ,72			CK73HB1A104K	CHIP C 0.10UF K	
C73 ,74			CC73HCH1H0R5B	CHIP C 0.5PF B	
C75 ,76			CK73HB1H102K	CHIP C 1000PF K	
C77			CK73HB1H471K	CHIP C 470PF K	
C78			CC73HCH1H330J	CHIP C 33PF J	
C79			CS77CP0J100M	CHIP TNTL 10UF 6.3WV	
C80			CK73HB1H471K	CHIP C 470PF K	
C83			CC73HCH1H150J	CHIP C 15PF J	
C84 -86			CK73HB1H102K	CHIP C 1000PF K	
C87			CC73HCH1H100D	CHIP C 10PF D	
C90			CK73HB1H102K	CHIP C 1000PF K	
C100			CK73HB1H471K	CHIP C 470PF K	
C101			CK73GB1H471K	CHIP C 470PF K	
C102			CC73GCH1H120J	CHIP C 12PF J	
C106			CK73HB1H471K	CHIP C 470PF K	
C107			CC73GCH1H060B	CHIP C 6.0PF B	
C108			CK73HB1H471K	CHIP C 470PF K	
C110,111			CK73GB1H471K	CHIP C 470PF K	
C112			CC73GCH1H070D	CHIP C 7.0PF D	
C113			CK73GB1C104K	CHIP C 0.10UF K	
C116			CC73GCH1H110J	CHIP C 11PF J	
C119			CK73GB1H471K	CHIP C 470PF K	
C122			CC73GCH1H330J	CHIP C 33PF J	
C123			CC73GCH1H330G	CHIP C 33PF G	
C124			CC73HCH1H100D	CHIP C 10PF D	
C125			CC73GCH1H060B	CHIP C 6.0PF B	
C126			CS77CA1C010M	CHIP TNTL 1.0UF 16WV	
C127			CC73GCH1H200J	CHIP C 20PF J	
C128			CK73HB1H471K	CHIP C 470PF K	
C129			CK73GB1H471K	CHIP C 470PF K	
C130			CK73HB1H471K	CHIP C 470PF K	
C132			CC73GCH1H270J	CHIP C 27PF J	
C133			CK73GB1H471K	CHIP C 470PF K	
C134			CK73GB1H103K	CHIP C 0.010UF K	
C135			CK73GB1C104K	CHIP C 0.10UF K	

Ref. No.	Address	New parts	Parts No.	Description	Destination
C136			CK73GB1A105K	CHIP C 1.0UF K	
C138			CK73GB1H102K	CHIP C 1000PF K	
C140			CC73GCH1H101J	CHIP C 100PF J	
C145			CC73GCH1H160J	CHIP C 16PF J	K,M
C145			CC73GCH1H180J	CHIP C 18PF J	K2,M2
C146			CK73GB1H102K	CHIP C 1000PF K	
C148			CK73GB1H102K	CHIP C 1000PF K	
C151			CC73GCH1H070B	CHIP C 7.0PF B	K2,M2
C152			CC73GCH1H200J	CHIP C 20PF J	
C154			CK73GB1H471K	CHIP C 470PF K	
C156			CC73GCH1H060B	CHIP C 6.0PF B	K,M
C156			CC73GCH1H3R5B	CHIP C 3.5PF B	K2,M2
C157			CC73GCH1H040B	CHIP C 4.0PF B	K2,M2
C157			CC73GCH1H2R5B	CHIP C 2.5PF B	K,M
C158			CC73GCH1H101J	CHIP C 100PF J	
C159			CC73GCH1H020C	CHIP C 2.0PF C	K,M
C159			CC73GCH1H030B	CHIP C 3.0PF B	K2,M2
C160			CC73GCH1H020B	CHIP C 2.0PF B	K,M
C160			CC73GCH1H1R5B	CHIP C 1.5PF B	K2,M2
C161			CC73GCH1H050B	CHIP C 5.0PF B	K,M
C161			CC73GCH1H060B	CHIP C 6.0PF B	K2,M2
C163			CC73GCH1H030B	CHIP C 3.0PF B	
C164			CC73GCH1H050B	CHIP C 5.0PF B	K,M
C164			CC73GCH1H060B	CHIP C 6.0PF B	K2,M2
C166			CC73GCH1HR75B	CHIP C 0.75PF B	K,M
C166			CC73GCH1H1R5B	CHIP C 1.5PF B	K2,M2
C168			CC73GCH1H0R3B	CHIP C 0.3PF B	K2,M2
C168			CC73GCH1H010B	CHIP C 1.0PF B	K,M
C169			CC73GCH1H050B	CHIP C 5.0PF B	K,M
C169			CC73GCH1H090B	CHIP C 9.0PF B	K2,M2
C190			CK73GB1A105K	CHIP C 1.0UF K	
C191			CK73GB1H103K	CHIP C 0.010UF K	
C201			CK73GB1A224K	CHIP C 0.22UF K	
C206			CK73HB1H102K	CHIP C 1000PF K	
C207			CK73HB1H182K	CHIP C 1800PF K	
C208			CK73HB1H471K	CHIP C 470PF K	
C209			CS77CP0J100M	CHIP TNTL 10UF 6.3WV	
C210			CK73HB1H471K	CHIP C 470PF K	
C211			CK73HB1C103K	CHIP C 0.010UF K	
C213			CK73HB1A104K	CHIP C 0.10UF K	
C214			CC73HCH1H680J	CHIP C 68PF J	
C215			CK73HB1H102K	CHIP C 1000PF K	
C216			CK73GB1C104K	CHIP C 0.10UF K	
C217			CK73HB1A104K	CHIP C 0.10UF K	
C218			CK73GB1C104K	CHIP C 0.10UF K	
C219			CC73HCH1H330J	CHIP C 33PF J	
C220			CK73HB1H102K	CHIP C 1000PF K	
C221			CK73GB1C104K	CHIP C 0.10UF K	
C222			CK73HB1H102K	CHIP C 1000PF K	
C224,225			CK73HB1C103K	CHIP C 0.010UF K	
C228			CC73GCH1H100C	CHIP C 10PF C	
C230			CK73HB1C103K	CHIP C 0.010UF K	
C231			CK73GB1H103K	CHIP C 0.010UF K	
C232			CK73HB1C103K	CHIP C 0.010UF K	
C233			CC73GCH1H060B	CHIP C 6.0PF B	
C234			CK73HB1H102K	CHIP C 1000PF K	
C236			CC73GCH1H180J	CHIP C 18PF J	
C237			CK73HB1H102K	CHIP C 1000PF K	
C238			CK73GB1C104K	CHIP C 0.10UF K	
C239			CK73GB1H102K	CHIP C 1000PF K	

PARTS LIST

TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
C240			CC73GCH1H3R5B	CHIP C 3.5PF B	
C241			CK73GB1H471K	CHIP C 470PF K	
C244			CC73GCH1H030B	CHIP C 3.0PF B	K,M
C245			CC73GCH1H220J	CHIP C 22PF J	K,M
C246			CC73GCH1H010B	CHIP C 1.0PF B	K,M
C247			CK73HB1H471K	CHIP C 470PF K	K,M
C248			CC73GCH1H020B	CHIP C 2.0PF B	K,M
C249			CC73GCH1H030B	CHIP C 3.0PF B	K2,M2
C249			CC73GCH1H050B	CHIP C 5.0PF B	K,M
C250			CC73GCH1H180J	CHIP C 18PF J	K2,M2
C250			CC73GCH1H220J	CHIP C 22PF J	K,M
C251			CK73HB1H471K	CHIP C 470PF K	
C252			CC73GCH1H1R5B	CHIP C 1.5PF B	K2,M2
C252,253			CC73GCH1H020B	CHIP C 2.0PF B	K,M
C253			CC73GCH1H010B	CHIP C 1.0PF B	K2,M2
C254			CK73HB1H471K	CHIP C 470PF K	
C255			CC73GCH1H180J	CHIP C 18PF J	K2,M2
C255			CC73GCH1H220J	CHIP C 22PF J	K,M
C256			CS77CP0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C257			CC73GCH1H050B	CHIP C 5.0PF B	K2,M2
C257			CC73GCH1H3R5B	CHIP C 3.5PF B	K,M
C258			CK73HB1H471K	CHIP C 470PF K	
C259			CK73GB1H471K	CHIP C 470PF K	
C262,263			CK73HB1H471K	CHIP C 470PF K	
C265			CK73HB1H471K	CHIP C 470PF K	
C266			CK73GB1H471K	CHIP C 470PF K	
C267			CC73GCH1H3R5B	CHIP C 3.5PF B	K,M
C267			CC73GCH1H4R5B	CHIP C 4.5PF B	K2,M2
C268			CC73GCH1H180J	CHIP C 18PF J	K2,M2
C268			CC73GCH1H220J	CHIP C 22PF J	K,M
C269			CC73GCH1H020B	CHIP C 2.0PF B	
C270,271			CK73HB1H471K	CHIP C 470PF K	
C272			CC73GCH1H020B	CHIP C 2.0PF B	
C273			CC73GCH1H180J	CHIP C 18PF J	K2,M2
C273			CC73GCH1H220J	CHIP C 22PF J	K,M
C274			CC73GCH1H1R5B	CHIP C 1.5PF B	K2,M2
C274,275			CC73GCH1H020B	CHIP C 2.0PF B	K,M
C275			CC73GCH1H2R5B	CHIP C 2.5PF B	K2,M2
C276			CC73GCH1H020B	CHIP C 2.0PF B	K2,M2
C276			CC73GCH1H2R5B	CHIP C 2.5PF B	K,M
C290			CC73GCH1H020B	CHIP C 2.0PF B	
C291			CC73GCH1H060B	CHIP C 6.0PF B	
C292			CK73HB1H471K	CHIP C 470PF K	
C301			CK73HB1H392K	CHIP C 3900PF K	
C302			CK73HB1H271K	CHIP C 270PF K	
C304			CK73GB1A224K	CHIP C 0.22UF K	
C306			CS77AA0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C307,308			CK73HB1A104K	CHIP C 0.10UF K	
C309			CC73GCH1H820J	CHIP C 82PF J	
C310			CK73HB1A683K	CHIP C 0.068UF K	
C311			CK73GB1A105K	CHIP C 1.0UF K	
C312			CC73GCH1H120J	CHIP C 12PF J	
C313			CC73GCH1H121J	CHIP C 120PF J	
C314			CK73HB1A104K	CHIP C 0.10UF K	
C315			CK73GB1A105K	CHIP C 1.0UF K	
C316			CK73GB1C104K	CHIP C 0.10UF K	
C317			CK73HB1A104K	CHIP C 0.10UF K	
C318			CS77AA0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C319			CC73GCH1H271J	CHIP C 270PF J	
C320			CK73HB1C103K	CHIP C 0.010UF K	

Ref. No.	Address	New parts	Parts No.	Description	Destination
C321			CK73GB1C473K	CHIP C 0.047UF K	
C322			CK73HB1C153K	CHIP C 0.015UF K	
C323			CC73GCH1H820J	CHIP C 82PF J	
C324			CC73HCH1H820J	CHIP C 82PF J	
C325			CK73HB1A104K	CHIP C 0.10UF K	
C326			CK73HB1H102K	CHIP C 1000PF K	
C327			CC73HCH1H101J	CHIP C 100PF J	
C328			CK73HB1H391K	CHIP C 390PF K	
C329,330			CK73GB1A105K	CHIP C 1.0UF K	
C331			CK73HB1A104K	CHIP C 0.10UF K	
C332			CK73HB1H471K	CHIP C 470PF K	
C333,334			CK73GB1C104K	CHIP C 0.10UF K	
C335			CC73GCH1H221J	CHIP C 220PF J	
C336			CK73FB1C474K	CHIP C 0.47UF K	
C338			CC73GCH1H101J	CHIP C 100PF J	
C339			CS77AA0J100M	CHIP TNTL 10UF 6.3WV	
C340			CK73GB1C104K	CHIP C 0.10UF K	
C341			CK73GB1C473K	CHIP C 0.047UF K	
C342			CS77AA0J100M	CHIP TNTL 10UF 6.3WV	
C343			CK73GB1C473J	CHIP C 0.047UF J	
C344			CC73GCH1H221J	CHIP C 220PF J	
C345			CS77AB20J101M	CHIP TNTL 100UF 6.3WV	
C346			CK73GB1H102K	CHIP C 1000PF K	
C348			CK73HB1H471K	CHIP C 470PF K	
C350			CK73HB1H471K	CHIP C 470PF K	
C351,352			CK73HB1C103K	CHIP C 0.010UF K	
C354			CK73HB1A104K	CHIP C 0.10UF K	
C356			CK73HB1A333K	CHIP C 0.033UF K	
C357			CK73HB1E472K	CHIP C 4700PF K	
C401			CC73GCH1H471J	CHIP C 470PF J	
C402			CK73HB1H102K	CHIP C 1000PF K	
C403			CK73GB1C104K	CHIP C 0.10UF K	
C405			CC73GCH1H101J	CHIP C 100PF J	
C406			CK73HB1E472K	CHIP C 4700PF K	
C407			CK73HB1H102K	CHIP C 1000PF K	
C408			CK73HB1E472K	CHIP C 4700PF K	
C409,410			CK73GB1A105K	CHIP C 1.0UF K	
C411			CK73HB1H102K	CHIP C 1000PF K	
C415			CK73HB1H471K	CHIP C 470PF K	
C417			CK73GB1A105K	CHIP C 1.0UF K	
C418			CK73HB1E562K	CHIP C 5600PF K	
C419			CK73HB1H102K	CHIP C 1000PF K	
C421			CK73GB1A105K	CHIP C 1.0UF K	
C424			CK73HB1H471K	CHIP C 470PF K	
C426,427			CK73GB1A105K	CHIP C 1.0UF K	
C428,429			CK73HB1H102K	CHIP C 1000PF K	
C430			CK73GB1H103K	CHIP C 0.010UF K	
C431			CK73HB1C103K	CHIP C 0.010UF K	
C432			CC73HCH1H050B	CHIP C 5.0PF B	
C433,434			CC73HCH1H030B	CHIP C 3.0PF B	
C435			CC73HCH1H050B	CHIP C 5.0PF B	
C440			CC73GCH1H1R5B	CHIP C 1.5PF B	
C443			CK73GB1A474K	CHIP C 0.47UF K	
C444,445			CC73GCH1H070B	CHIP C 7.0PF B	K,M
C445			CC73GCH1H200J	CHIP C 20PF J	K2,M2
C450,451			CK73HB1C103K	CHIP C 0.010UF K	
C452			CK73HB1H102K	CHIP C 1000PF K	
C456			CK73GB1C104K	CHIP C 0.10UF K	
C457,458			CK73HB1H471K	CHIP C 470PF K	K2,M2
C901,902			CK73GB1A105K	CHIP C 1.0UF K	

PARTS LIST

TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
TC1 ,2			C05-0245-05	CERAMIC TRIMMER CAPACITOR(10PF)	
CN201			E23-1278-05	TERMINAL	
CN401			E40-6363-05	FLAT CABLE CONNECTOR	
CN402			E40-6430-05	FLAT CABLE CONNECTOR	
J301			E11-0707-05	PHONE JACK(2.5/3.5)	
F401			F53-0324-05	FUSE(2.5A)	
101	2A		J30-1288-14	SPACER(MIC ELEMENT)	
CD201			L79-1582-05	TUNING COIL	
CF201	2A		L72-0958-05	CERAMIC FILTER	
L1			L40-4791-86	SMALL FIXED INDUCTOR(4.7UH)	
L3			L40-5681-86	SMALL FIXED INDUCTOR(0.56UH)	
L5			L40-5681-86	SMALL FIXED INDUCTOR(0.56UH)	
L6 ,7			L92-0138-05	CHIP FERRITE	
L8 ,9			L41-1875-06	SMALL FIXED INDUCTOR(18NH)	
L10 ,11			L41-1085-06	SMALL FIXED INDUCTOR(100NH)	
L12			L92-0138-05	CHIP FERRITE	
L13 ,14			L41-1085-06	SMALL FIXED INDUCTOR(100NH)	
L16			L40-1878-67	SMALL FIXED INDUCTOR(18NH)	K2,M2
L16			L40-2278-67	SMALL FIXED INDUCTOR(22NH)	K,M
L17			L40-2278-67	SMALL FIXED INDUCTOR(22NH)	K2,M2
L17			L40-2778-67	SMALL FIXED INDUCTOR(27NH)	K,M
L18 ,19			L41-2285-03	SMALL FIXED INDUCTOR(220NH)	
L20 ,21			L40-3391-86	SMALL FIXED INDUCTOR(3.3UH)	
L22			L92-0138-05	CHIP FERRITE	
L23			L41-2275-06	SMALL FIXED INDUCTOR(22NH)	
L24			L92-0470-05	CHIP FERRITE	
L25			L41-2275-06	SMALL FIXED INDUCTOR(22NH)	
L100,101			L41-1575-06	SMALL FIXED INDUCTOR(15NH)	
L102			L92-0138-05	CHIP FERRITE	
L103,104			L40-8265-92	SMALL FIXED INDUCTOR(8.2NH)	
L105			L40-1575-54	SMALL FIXED INDUCTOR(15NH)	K,M
L105			L40-2275-54	SMALL FIXED INDUCTOR(22NH)	K2,M2
L106			L92-0149-05	CHIP FERRITE	
L107			L40-1263-92	SMALL FIXED INDUCTOR(1.2NH)	
L109			L92-0149-05	CHIP FERRITE	
L110			L40-2285-54	SMALL FIXED INDUCTOR(220NH)	
L111			L41-1092-44	SMALL FIXED INDUCTOR(1UH)	
L201			L40-1091-86	SMALL FIXED INDUCTOR(1.0UH)	
L202			L92-0138-05	CHIP FERRITE	
L203			L41-5685-39	SMALL FIXED INDUCTOR(0.56UH)	
L204			L40-2785-92	SMALL FIXED INDUCTOR(270NH)	
L206			L41-2775-06	SMALL FIXED INDUCTOR(27NH)	K2,M2
L211,212			L41-8268-14	SMALL FIXED INDUCTOR(8.2NH)	K,M
L212			L41-6868-14	SMALL FIXED INDUCTOR(6.8NH)	K2,M2
L214			L41-6868-14	SMALL FIXED INDUCTOR(6.8NH)	K2,M2
L214			L41-8268-14	SMALL FIXED INDUCTOR(8.2NH)	K,M
L215			L41-2285-03	SMALL FIXED INDUCTOR(220NH)	
L220			L34-4602-05	AIR-CORE COIL	
L223			L34-4572-05	AIR-CORE COIL	
L224-226			L34-4564-05	AIR-CORE COIL	
L228,229			L41-6868-14	SMALL FIXED INDUCTOR(6.8NH)	K2,M2
L228,229			L41-8268-14	SMALL FIXED INDUCTOR(8.2NH)	K,M
L230			L41-5678-03	SMALL FIXED INDUCTOR(56NH)	
L250			L41-1875-06	SMALL FIXED INDUCTOR(18NH)	
L290			L41-3078-17	SMALL FIXED INDUCTOR(30NH)	K,M

Ref. No.	Address	New parts	Parts No.	Description	Destination
L301			L92-0140-05	CHIP FERRITE	
L302			L92-0149-05	CHIP FERRITE	
L401			L92-0149-05	CHIP FERRITE	
L402-404			L92-0138-05	CHIP FERRITE	
L410			L92-0138-05	CHIP FERRITE	
L411			L41-1875-06	SMALL FIXED INDUCTOR(18NH)	
X1			L77-1931-05	TCXO(12.8MHZ)	
X3			L77-1633-05	CRYSTAL RESONATOR(7.3728MHZ)	
XF201			L71-0619-05	MCF(38.85MHZ)	
CP404			RK75HA1J473J	CHIP-COM 47K J 1/16W	
CP405-407			RK75HA1J102J	CHIP-COM 1.0K J 1/16W	
R1			RK73HB1J223J	CHIP R 22K J 1/16W	
R2			RK73HB1J103J	CHIP R 10K J 1/16W	
R3			RK73HB1J333J	CHIP R 33K J 1/16W	
R4			RK73HB1J563J	CHIP R 56K J 1/16W	
R5			RK73HB1J104J	CHIP R 100K J 1/16W	
R6			RK73HB1J823J	CHIP R 82K J 1/16W	
R7			RK73HB1J101J	CHIP R 100 J 1/16W	
R8 -11			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R12			RK73HB1J222J	CHIP R 2.2K J 1/16W	
R13			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R14			RK73HB1J334J	CHIP R 330K J 1/16W	
R15			RK73GB2A221J	CHIP R 220 J 1/10W	
R16			RK73GB2A561J	CHIP R 560 J 1/10W	
R17			RK73HB1J101J	CHIP R 100 J 1/16W	
R18			RK73GB2A181J	CHIP R 180 J 1/10W	
R19			RK73GB2A122J	CHIP R 1.2K J 1/10W	
R20			RK73HB1J100J	CHIP R 10 J 1/16W	
R21			RK73GB2A681J	CHIP R 680 J 1/10W	
R22			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R23			RK73GB2A103J	CHIP R 10K J 1/10W	
R25			RK73HB1J223J	CHIP R 22K J 1/16W	
R26			RK73HB1J103J	CHIP R 10K J 1/16W	
R27			RK73HB1J220J	CHIP R 22 J 1/16W	
R30			RK73HB1J333J	CHIP R 33K J 1/16W	
R31			RK73HB1J474J	CHIP R 470K J 1/16W	
R32			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R33			RK73HB1J154J	CHIP R 150K J 1/16W	
R34			RK73HB1J474J	CHIP R 470K J 1/16W	
R35 ,36			RK73HB1J274J	CHIP R 270K J 1/16W	
R37			RK73HB1J101J	CHIP R 100 J 1/16W	
R38			RK73HB1J181J	CHIP R 180 J 1/16W	
R39			RK73HB1J151J	CHIP R 150 J 1/16W	
R40			RK73HB1J101J	CHIP R 100 J 1/16W	
R41			RK73HB1J154J	CHIP R 150K J 1/16W	
R42			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R43			RK73HB1J101J	CHIP R 100 J 1/16W	
R46			RK73HB1J103J	CHIP R 10K J 1/16W	
R47			RK73HB1J220J	CHIP R 22 J 1/16W	
R48			RK73HB1J331J	CHIP R 330 J 1/16W	
R49			RK73HB1J222J	CHIP R 2.2K J 1/16W	
R50			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R100			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R103			RK73GB2A473J	CHIP R 47K J 1/10W	
R105			RK73GB2A331J	CHIP R 330 J 1/10W	
R106			RK73GB2A220J	CHIP R 22 J 1/10W	
R107			RK73HB1J101J	CHIP R 100 J 1/16W	

If a part reference number is listed in a shaded box, that part does not come with the PCB.

PARTS LIST

TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R110			RK73GB2A331J	CHIP R 330 J 1/10W	
R111,112			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R114			RK73GB2A124J	CHIP R 120K J 1/10W	
R115			RK73GB2A103J	CHIP R 10K J 1/10W	
R116			RK73GB2A220J	CHIP R 22 J 1/10W	
R121			RK73GB2A220J	CHIP R 22 J 1/10W	
R123			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R124			RK73GB2A473J	CHIP R 47K J 1/10W	
R126			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R127-129			RK73EB2ER39K	CHIP R 0.39 K 1/4W	
R130-135			RK73GH2A154D	CHIP R 150K D 1/10W	
R137			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R138			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R139			RK73GB2A473J	CHIP R 47K J 1/10W	
R140			RK73GB2A563J	CHIP R 56K J 1/10W	
R141			RK73GB2A104J	CHIP R 100K J 1/10W	
R142			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R143			RK73GB2A104J	CHIP R 100K J 1/10W	
R145			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R147			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R190			RK73GB2A101J	CHIP R 100 J 1/10W	
R191,192			RK73GB2A271J	CHIP R 270 J 1/10W	
R193,194			RK73GB2A473J	CHIP R 47K J 1/10W	
R203			RK73HB1J184J	CHIP R 180K J 1/16W	
R206			RK73GB2A100J	CHIP R 10 J 1/10W	
R207			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R208			RK73HB1J823J	CHIP R 82K J 1/16W	
R209			RK73HB1J272J	CHIP R 2.7K J 1/16W	
R210,211			RK73HB1J332J	CHIP R 3.3K J 1/16W	
R212			RK73HB1J823J	CHIP R 82K J 1/16W	
R213			RK73HB1J392J	CHIP R 3.9K J 1/16W	
R215			RK73HB1J101J	CHIP R 100 J 1/16W	
R216			RK73HB1J124J	CHIP R 120K J 1/16W	
R217			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R218			RK73HB1J561J	CHIP R 560 J 1/16W	
R219			RK73GB2A561J	CHIP R 560 J 1/10W	
R226,227			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R228			RK73GB2A151J	CHIP R 150 J 1/10W	
R233			RK73HB1J104J	CHIP R 100K J 1/16W	
R236			RK73HB1J563J	CHIP R 56K J 1/16W	
R238			RK73HB1J104J	CHIP R 100K J 1/16W	
R239			RK73HB1J563J	CHIP R 56K J 1/16W	
R240			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R241			RK73HB1J105J	CHIP R 1.0M J 1/16W	K,M
R243,244			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R248			RK73GB2A221J	CHIP R 220 J 1/10W	
R249			RK73GB2A220J	CHIP R 22 J 1/10W	
R251			RK73HB1J104J	CHIP R 100K J 1/16W	
R253			RK73HB1J104J	CHIP R 100K J 1/16W	
R254			RK73HB1J683J	CHIP R 68K J 1/16W	
R255			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R256,257			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R258			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R301			RK73HB1J103J	CHIP R 10K J 1/16W	
R304			RK73HB1J273J	CHIP R 27K J 1/16W	
R305			RK73HB1J104J	CHIP R 100K J 1/16W	
R306			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R307			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R310			RK73GB2A394J	CHIP R 390K J 1/10W	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R311			RK73HB1J123J	CHIP R 12K J 1/16W	
R312			RK73GB2A334J	CHIP R 330K J 1/10W	
R313			RK73GB2A104J	CHIP R 100K J 1/10W	
R314			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R315			RK73GB2A334J	CHIP R 330K J 1/10W	
R316			RK73GB2A124J	CHIP R 120K J 1/10W	
R317			RK73GB2A474J	CHIP R 470K J 1/10W	
R318			RK73GB2A122J	CHIP R 1.2K J 1/10W	
R319			RK73HB1J563J	CHIP R 56K J 1/16W	
R320			RK73HB1J332J	CHIP R 3.3K J 1/16W	
R321			RK73HB1J224J	CHIP R 220K J 1/16W	
R322			RK73HB1J184J	CHIP R 180K J 1/16W	
R323			RK73HB1J563J	CHIP R 56K J 1/16W	
R324,325			RK73GB2A104J	CHIP R 100K J 1/10W	
R326			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R327			RK73GB2A184J	CHIP R 180K J 1/10W	
R328			RK73GB2A103J	CHIP R 10K J 1/10W	
R329			RK73GB2A823J	CHIP R 82K J 1/10W	
R330			RK73HB1J332J	CHIP R 3.3K J 1/16W	
R331			RK73GB2A154J	CHIP R 150K J 1/10W	
R332			RK73GB2A153J	CHIP R 15K J 1/10W	
R334			RK73GB2A473J	CHIP R 47K J 1/10W	
R335			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R336			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R337			RK73GB2A151J	CHIP R 150 J 1/10W	
R338			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R339			RK73GB2A471J	CHIP R 470 J 1/10W	
R340,341			RK73GB2A103J	CHIP R 10K J 1/10W	
R342			RK73GB2A101J	CHIP R 100 J 1/10W	
R343			RK73GB2A474J	CHIP R 470K J 1/10W	
R344			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R345,346			RK73GB2A101J	CHIP R 100 J 1/10W	
R347			RK73GB2A104J	CHIP R 100K J 1/10W	
R348			RK73GB2A563J	CHIP R 56K J 1/10W	
R349			RK73GB2A333J	CHIP R 33K J 1/10W	
R350			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R352			RK73HB1J104J	CHIP R 100K J 1/16W	
R353			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R354,355			RK73HB1J103J	CHIP R 10K J 1/16W	
R403			RK73GB2A101J	CHIP R 100 J 1/10W	
R404			RK73HH1J474D	CHIP R 470K D 1/16W	
R405			RK73GB2A334J	CHIP R 330K J 1/10W	
R406			RK73HH1J474D	CHIP R 470K D 1/16W	
R407			RK73HB1J334J	CHIP R 330K J 1/16W	
R408			RK73HB1J473J	CHIP R 47K J 1/16W	
R409,410			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R412			RK73HB1J473J	CHIP R 47K J 1/16W	
R413,414			RK73GB2A331J	CHIP R 330 J 1/10W	
R415,416			RK73GB2A473J	CHIP R 47K J 1/10W	
R417-420			RK73HB1J473J	CHIP R 47K J 1/16W	
R421,422			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R423			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R424,425			RK73HB1J473J	CHIP R 47K J 1/16W	
R435			RK73HB1J473J	CHIP R 47K J 1/16W	
R436			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R437,438			RK73HB1J473J	CHIP R 47K J 1/16W	
R447			RK73HB1J123J	CHIP R 12K J 1/16W	
R449,450			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2,M2
R451			RK73HB1J680J	CHIP R 68 J 1/16W	
R452			RK73HB1J103J	CHIP R 10K J 1/16W	

PARTS LIST

TX-RX UNIT (X57-7130-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R453			RK73HB1J223J	CHIP R 22K J 1/16W	
R456			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2,M2
R470			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R901,902			RK73GB2A472J	CHIP R 4.7K J 1/10W	
VR1			R32-0736-05	SEMI FIXED VARIABLE RESISTOR(68K)	
S1 -3			S70-0414-05	TACT SWITCH	
MIC1	2A		T91-0648-05	MIC ELEMENT	
D1			MA2S111-F	DIODE	
D2 -9			HVC376B	VARIABLE CAPACITANCE DIODE	
D10			1SV278F	VARIABLE CAPACITANCE DIODE	
D11			MA2S111-F	DIODE	
D101			HSC277	DIODE	
D102			HZU5CLL	ZENER DIODE	
D103			HVC131	DIODE	
D104			HSC277	DIODE	
D106			HSC277	DIODE	
D122			HVC131	DIODE	
D202			HSC277	DIODE	
D203-206			HVC355B	VARIABLE CAPACITANCE DIODE	
D210			HVC355B	VARIABLE CAPACITANCE DIODE	K,M
D301,302			RB706F-40	DIODE	
D303			DAN222	DIODE	
D401			RB521S-30	DIODE	
D402			1SR154-400	DIODE	
IC1			MB15A02PFV2E1	MOS-IC	
IC101			TA75W01FUF	MOS-IC	
IC201			TA31136FNG	MOS-IC	
IC301			AQUA-L	MOS-IC	
IC302			TA7368FG	MOS-IC	
IC401,402			XC6204B502MR	MOS-IC	
IC403			BD4840FVE	MOS-IC	
IC404			BD4845FVE	MOS-IC	
IC405		*	30620MCP422GU	MICROCONTROLLER IC	
IC406		*	AT24128N10SU27	ROM IC	
IC407			TC7W74FU-F	MOS-IC	
Q1			KTC4082	TRANSISTOR	
Q2			2SC5108(Y)F	TRANSISTOR	
Q3 ,4			2SK508NV(K52)	FET	
Q5			RT1P430U	TRANSISTOR	
Q6			2SC5108(Y)F	TRANSISTOR	
Q7			RT1P430U	TRANSISTOR	
Q8			2SC4617(S)	TRANSISTOR	
Q9			2SC4619	TRANSISTOR	
Q100			2SC4619	TRANSISTOR	
Q101			2SK3077F	FET	
Q102		*	2SK2596-E	FET	
Q103			2SK3476-F	FET	
Q104			RT1N141U	TRANSISTOR	
Q105			2SK879(Y)F	FET	
Q107			RT1N141U	TRANSISTOR	
Q108			2SK1824-A	FET	
Q109			RT1P441U	TRANSISTOR	
Q202			RT1P441U	TRANSISTOR	
Q203			2SC4649(N,P)	TRANSISTOR	
Q204,205			3SK318	FET	
Q301			RT1P141U	TRANSISTOR	

Ref. No.	Address	New parts	Parts No.	Description	Destination
Q302			2SC4919	TRANSISTOR	
Q303			RT1N441U	TRANSISTOR	
Q304			2SA1362-F(GR)	TRANSISTOR	
Q305			RT1N441U	TRANSISTOR	
Q306			2SK3577-A	FET	
Q316			2SK3577-A	FET	
Q401,402			RT1N141U	TRANSISTOR	
Q403			CPH3317	FET	
Q404,405			RT1P237U-T111	TRANSISTOR	
Q407,408			2SK1830F	FET	
Q901			2SK1824-A	FET	
TH101			B57331V2104J	THERMISTOR	
TH203			B57331V2104J	THERMISTOR	