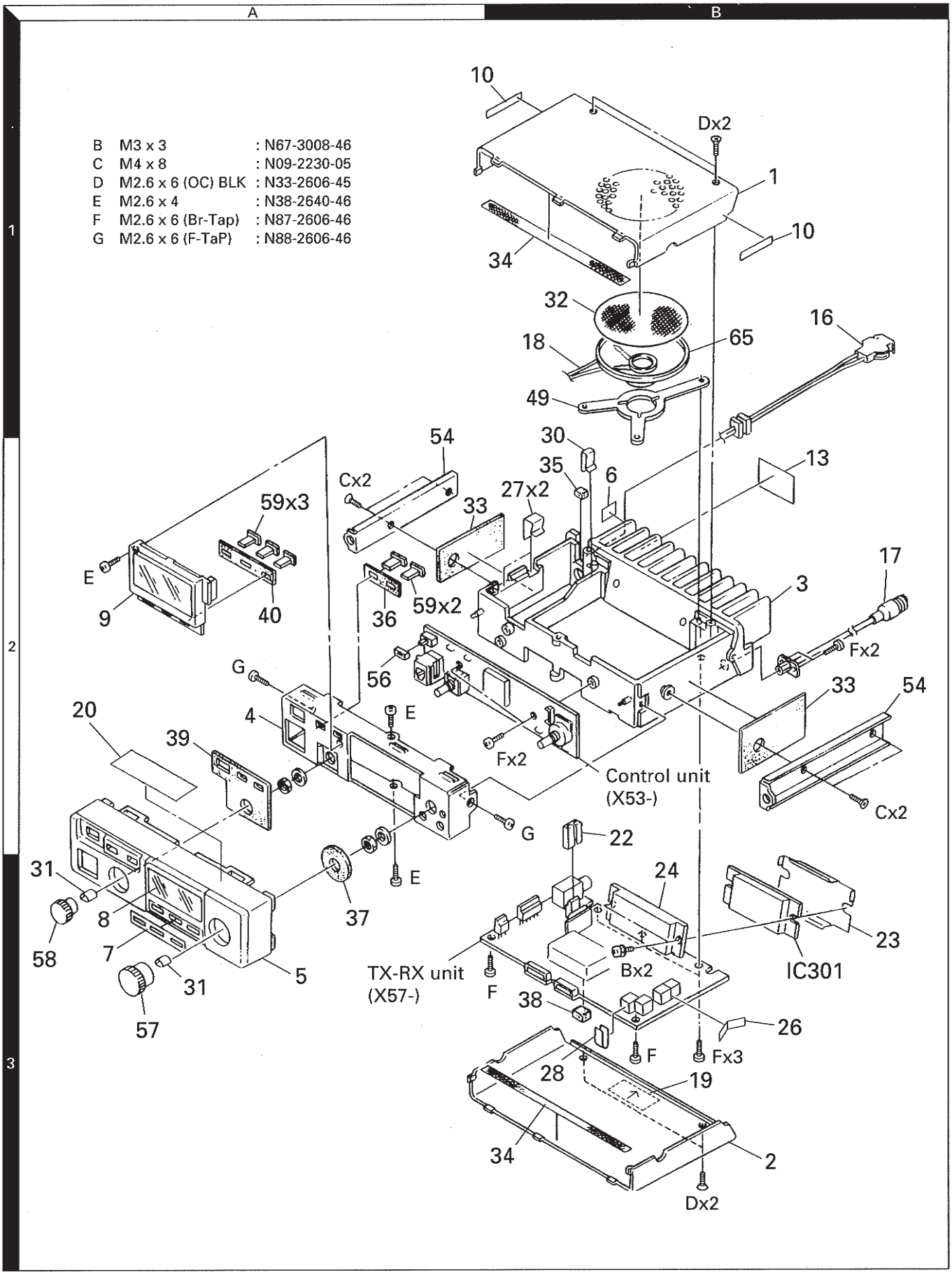
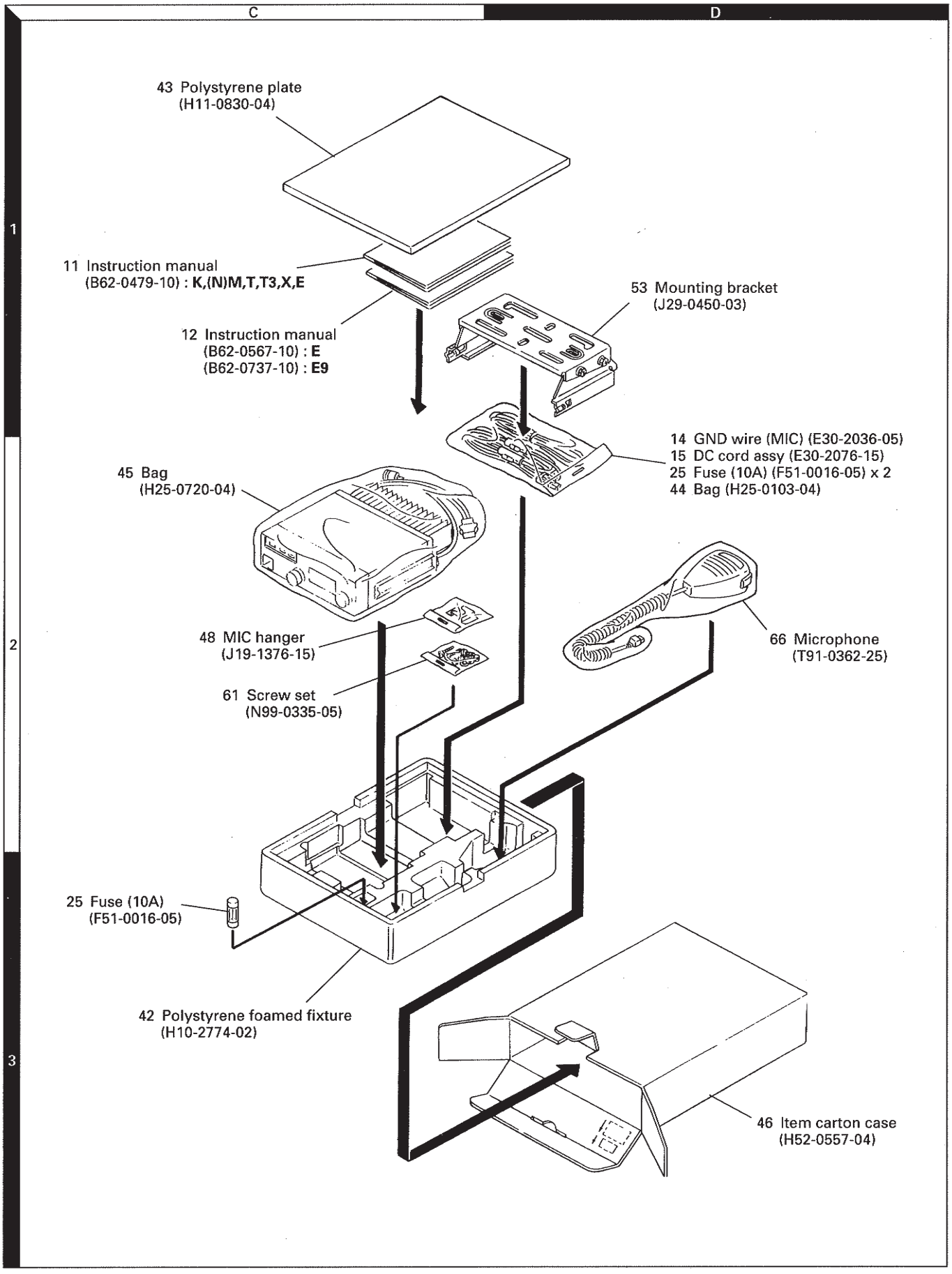
EXPLODED VIEW (TK-715 : K,T,T3,X,E,E9)

B	M3 x 3	: N67-3008-46
C	M4 x 8	: N09-2230-05
D	M2.6 x 6 (OC) BLK	: N33-2606-45
E	M2.6 x 4	: N38-2640-46
F	M2.6 x 6 (Br-Tap)	: N87-2606-46
G	M2.6 x 6 (F-TaP)	: N88-2606-46



PACKING


C
D
1
2
3
43 Polystyrene plate
(H11-0830-04)
11 Instruction manual
(B62-0479-10) : K,(N)M,T,T3,X,E
12 Instruction manual
(B62-0567-10) : E
(B62-0737-10) : E9
53 Mounting bracket
(J29-0450-03)
14 GND wire (MIC) (E30-2036-05)
15 DC cord assy (E30-2076-15)
25 Fuse (10A) (F51-0016-05) x 2
44 Bag (H25-0103-04)
45 Bag
(H25-0720-04)
48 MIC hanger
(J19-1376-15)
66 Microphone
(T91-0362-25)
61 Screw set
(N99-0335-05)
25 Fuse (10A)
(F51-0016-05)
42 Polystyrene foamed fixture
(H10-2774-02)
46 Item carton case
(H52-0557-04)

TK-715/(N)

PARTS LSIT

∗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-715/(N)
CONTROL UNIT (X53-3792-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
TK-715/(N)					
1	1B		A01-1065-03	METALLIC CABINET (UPPER)	
2	3B		A01-1066-03	METALLIC CABINET (LOWER)	
3	2B		A10-1331-01	CHASSIS	
4	2A		A22-0765-23	SUB PANEL	
5	3A		A62-0228-03	PANEL ASSY	
7	3A		B03-0563-04	DRESSING PLATE	
8	3A		B10-1126-04	FRONT GLASS	
9	2A		B38-0321-05	LCD ASSY	
10	1B		B42-2455-04	LAVEL (M4X8 MAX)	
6	2B		B42-3394-14	STAND LABEL (FCC)	K
6	2B		B42-5653-04	STAND LABEL (CHASSIS)	T,T3,E,E9
20	2A	∗	B42-5795-04	LAVEL (REGIONET)	K
11	1C	∗	B62-0479-10	INSTRUCTION MANUAL (ENG.)	M,X,T
11	1C	∗	B62-0479-10	INSTRUCTION MANUAL (ENG.)	T3,E,K
12	1C	∗	B62-0567-10	INSTRUCTION MANUAL (ESPANOL)	E
12	1C	∗	B62-0737-10	INSTRUCTION MANUAL (FRANCAIS)	E9
13	2B		B72-0671-04	MODEL NAME PLATE (S/NO. LABEL)	T3
13	2B		B72-0763-04	MODEL NAME PLATE (S/NO. LABEL)	X
13	2B		B72-0829-04	MODEL NAME PLATE (S/NO. LABEL)	M
13	2B		B72-0896-04	MODEL NAME PLATE (S/NO. LABEL)	E
13	2B		B72-0981-04	MODEL NAME PLATE (S/NO. LABEL)	T,E9
13	2B	∗	B72-1375-14	MODEL NAME PLATE (CABINET)	K
19	3B		B72-1183-04	MODEL NAME PLATE (CABINET)	E9
14	2D		E30-2036-05	GND WIRE (MIC)	
15	2D		E30-2076-15	DC CORD ASSY	
16	1B		E30-2172-15	DC CORD	
17	2B		E30-2145-15	ANT CABLE	M,X
17	2B		E30-3031-15	ANT CABLE	E9,K
17	2B		E30-3031-15	ANT CABLE	T,T3,E
18	1B		E31-3197-15	CONNECTING WIRE (SP)	
22	2B		F10-2098-04	SHIELDING CASE	
23	3B		F10-2102-04	SHIELDING PLATE	
24	3B		F11-1133-14	SHIELDING CASE	
25	3C,2D		F51-0016-05	FUSE (10A)	
26	3B		G02-0565-04	FLAT SPRING	T,T3,E
26	3B		G02-0565-04	FLAT SPRING	X,E9,K
27	2B		G02-0576-14	FLAT SPRING	
28	3B		G02-0592-04	FLAT SPRING	
29	3B		G02-0726-04	FLAT SPRING	M
30	2B		G02-0749-04	FLAT SPRING	
31	3A		G09-0405-05	KNOB FIXED SPRING	
32	1B		G10-0651-04	NON-WOVEN FABRIC (SP)	
33	2A,2B		G10-0681-04	NON-WOVEN FABRIC (CHASSIS)	
34	1B,3B		G10-0686-04	NON-WOVEN FABRIC (CASE)	
35	2B		G13-0688-04	CUSHION (DC CORD)	
36	2A		G13-0935-04	CUSHION (SQ)	
37	3A		G13-0937-04	CUSHION (CH)	
38	3B		G13-0959-04	CUSHION (MIL)	
39	2A		G13-1418-04	CUSHION (SUB PANEL)	
40	2A		G13-1419-04	CUSHION (LCD)	
42	3C		H10-2774-02	POLYSTYRENE FORMED FIXTURE	
43	1C		H11-0830-04	POLYSTYRENE PLATE	
44	2D		H25-0103-04	BAG (DC CORD)	
45	2C		H25-0720-04	BAG (RADIO)	
46	3D		H52-0557-04	ITEM CARTON CASE	
48	2C		J19-1376-15	MIC HANGER	
49	1B		J19-1434-04	HOLDER (SP)	
53	1D		J29-0450-03	MOUNTING BRACKET	
54	2A,2B		J90-0405-14	GUIDE & RAIL	
-			J21-4287-04	MOUNTING HARDWARE	
-			J21-4288-04	MOUNTING HARDWARE	
-			J29-0447-03	MOUNTING BRACKET	
56	2A		K27-3052-04	KNOB (POW)	
57	3A		K29-4533-04	KNOB (CH)	
58	3A		K29-4534-04	KNOB (VOL)	
59	2A		K29-4905-04	KNOB (SQ)	
61	2C		N99-0335-05	SCREW SET	
-			N69-4008-45	SCREW	
B	3B		N67-3008-46	SCREW (MODULE)	
C	2A,2B		N09-2230-05	SCREW	
D	1B,3B		N33-2606-45	OVAL HEAD MACHIN SCREW (CASE)	
E	2A,3A		N38-2640-46	SCREW (SUB PANEL)	
F	2B,3B		N87-2606-46	BRAZIER HEAD TAPTITESCREW (PCB)	
G	2A,2B		N88-2606-46	FLAT HEAD TAPTITE SCREW (SUB,P)	
65	1B		T07-0246-05	LOUDSPEAKER (FULLRANGE)	
66	2D		T91-0362-25	MICROPHONE	
-			LC7582	IC (LCD DRIVER)	
IC301	3B	∗	M57774-E24	IC (POWER MODULE/220-225MHz)	E,K
IC301	3B		M67730L	IC (POWER MODULE/175-200MHz25W)	T3
IC301	3B		M67741H-22	IC (POWER MODULE/146-175MHz28W)	T,X,E9
IC301	3B		M68706	IC (POWER MODULE/250-270NHz25W)	M
CONTROL UNIT (X53-3792-XX) -70 : K,T,T3,X,E,M -71 : E9					
D7			B30-2172-05	LED (YG)	
C1,2			CC73FCH1H120J	CHIP C 12PF J	
C3			C92-0003-05	CHIP-TAN 0.47UF 25WV	
C4			CC73FCH1H470J	CHIP C 47PF J	
C5			C92-0003-05	CHIP-TAN 0.47UF 25WV	
C6,7			CK73FB1H103K	CHIP C 0.010UF K	
C8-10			CK73FB1E104K	CHIP C 0.10UF K	
C11			CK73FB1H152K	CHIP C 1500PF K	E9
C12,13			CK73FB1E104K	CHIP C 0.10UF K	
C14,15			CC73FCH1H330J	CHIP C 33PF J	
C16			CK73FB1C224K	CHIP C 0.22UF K	
C17			CK73FB1H332K	CHIP C 3300PF K	E9
C17			CK73FB1E104K	CHIP C 0.10UF K	T,T3,X
C17			CK73FB1E104K	CHIP C 0.10UF K	E,M,K
C18			CK73FB1E104K	CHIP C 0.10UF K	
C19			C92-0003-05	CHIP-TAN 0.47UF 25WV	
C20			CK73FB1E104K	CHIP C 0.10UF K	
C21			CE04NW1H4R7M	ELECTRO 4.7UF 50WV	

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LIST

CONTROL UNIT (X53-3792-XX)
TX-RX UNIT (X57-424X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
C22			CE04NW1H010M	ELECTRO 1.0UF 50WV	
C23			CK73FB1E104K	CHIP C 0.10UF K	
C24-27			CK73FB1H102K	CHIP C 1000PF K	
C28			CK73FB1H103K	CHIP C 0.010UF K	
C29-31			CK73FB1E104K	CHIP C 0.10UF K	
C32			CE04NW1C101M	ELECTRO 100UF 16WV	
C33			CC73FCH1H470J	CHIP C 47PF J	
C34			CK73FB1H102K	CHIP C 1000PF K	
C36-38			CK73FB1H102K	CHIP C 1000PF K	
C40,41			CK73FB1H102K	CHIP C 1000PF K	
C60,61			CK73FB1H102K	CHIP C 1000PF K	
C65			CK73FB1H102K	CHIP C 1000PF K	
C66			CK73FB1H103K	CHIP C 0.010UF K	
C67-69			CK73FB1H102K	CHIP C 1000PF K	
C71,72			CK73FB1H102K	CHIP C 1000PF K	
C74			CK73FB1H103K	CHIP C 0.010UF K	
C76			CK73FB1H102K	CHIP C 1000PF K	
C80,81			CC73FCH1H470J	CHIP C 47PF J	
CN1,2			E40-5203-05	PIN ASSY SOCKET 13P	
CN3			E40-5185-05	PIN ASSY 8P	
CN4			E40-3485-05	PIN ASSY 6P	
CN5			E02-2033-05	IC302 SOCKET 32P	
J1			E08-0673-15	MODULAR JACK	
F1			F53-0054-05	FUSE 0.4A	
L1			L92-0132-05	FERRITE CHIP	
L2-4			L92-0131-05	FERRITE CHIP	
L6			L92-0131-05	FERRITE CHIP	
L7			L92-0155-05	FERRITE CHIP	
X1			L77-1716-05	CRYSTAL RESONATOR (4.91520MHZ)	
X2			L77-1712-05	CRYSTAL RESONATOR (4.032MHZ)	
R1			RK73FB2A104J	CHIP R 100K J 1/10W	
R2			RK73FB2A153J	CHIP R 15K J 1/10W	
R3			RK73FB2A473J	CHIP R 47K J 1/10W	
R4			RK73FB2A103J	CHIP R 10K J 1/10W	
R5-7			RK73FB2A104J	CHIP R 100K J 1/10W	
R8,9			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R10			RK73FB2A474J	CHIP R 470K J 1/10W	
R11-13			RK73FB2A104J	CHIP R 100K J 1/10W	
R14,15			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R16,17			RK73FB2A104J	CHIP R 100K J 1/10W	
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R19,20			RK73FB2A103J	CHIP R 10K J 1/10W	
R21			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R22			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R23			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R24			RK73FB2A682J	CHIP R 6.8K J 1/10W	
R25			RK73FB2A473J	CHIP R 47K J 1/10W	T,T3,X
R25			RK73FB2A473J	CHIP R 47K J 1/10W	E,M,K
R25			RK73FB2A224J	CHIP R 220K J 1/10W	E9
R26			RK73FB2A153J	CHIP R 15K J 1/10W	
R27			RK73FB2A103J	CHIP R 10K J 1/10W	
R28,29			RK73FB2A473J	CHIP R 47K J 1/10W	
R30			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R31			RK73FB2A223J	CHIP R 22K J 1/10W	
R32			RK73FB2A220J	CHIP R 22 J 1/10W	
R33			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R34,35			RK73FB2A222J	CHIP R 2.2K J 1/10W	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R36			RK73FB2A103J	CHIP R 10K J 1/10W	
R37			RK73FB2A682J	CHIP R 6.8K J 1/10W	
R38			RK73FB2A103J	CHIP R 10K J 1/10W	
R39,40			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R41			RK73FB2A473J	CHIP R 47K J 1/10W	
R42			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R50			RD14BB2E470J	RD R 47 J 1/4W	
R51			RK73FB2A473J	CHIP R 47K J 1/10W	
R52			RK73FB2A103J	CHIP R 10K J 1/10W	
R53			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R54-56			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R58			RK73FB2A220J	CHIP R 22 J 1/10W	
R59			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R61,62			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R63,64			R92-0670-05	CHIP R 0 OHM	
R65			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R66			RK73FB2A221J	CHIP R 220 J 1/10W	
R67-69			R92-0670-05	CHIP R 0 OHM	
R70,71			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R72			R92-0670-05	CHIP R 0 OHM	
R73			RK73FB2A103J	CHIP R 10K J 1/10W	
R75			RK73FB2A474J	CHIP R 470K J 1/10W	
R76			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R77,78			R92-0670-05	CHIP R 0 OHM	
R79			RK73FB2A103J	CHIP R 10K J 1/10W	
R81			R92-0670-05	CHIP R 0 OHM	E9
R82-85			RK73FB2A473J	CHIP R 47K J 1/10W	
VR1			R05-3452-05	POTENTIOMETER (10K)	
S1			S40-2440-15	PUSH SWITCH	
S2-6			S40-1086-05	TACT SWITCH	
D1,2			RLS4148	DIODE	
D3			RLZ3.0(B)	ZENER DIODE	
D4			RLS4148	DIODE	
D5,6			1SS226	DIODE	
IC1			HD63A03YRF	IC (8BIT MICRO PROSESSOR)	
IC2			6264BLFPI10LTZ	IC (S RAM)	
IC4			TC74HC138AF	IC (DECODER)	
IC5			HCF4016B	IC (QUAD BILATERAL SWITCH)	
IC6			FX469LG	IC (1200/2400/4800 FULL DUPLEX)	
IC7			LM2924M	IC (LOW POWER AMP)	
IC8			TC74HC00AF	IC (2INPUT NAND GATE)	
IC9			HCF4099B	IC (ADDRESSABLE LATCH)	
IC11-13			93LC46BT-I/SN	IC (EEP ROM)	
IC14			NJM78L05A	IC (VOLTAGE REGULATOR/ +5V)	
IC302			AT27C256R20JI	IC (EP ROM (OTP)) CN5 SOCKET	
Q1-3			2PD602A(R)	TRANSISTOR	
S7			W02-0866-05	ENCODER	

TX-RX UNIT (X57-424X-XX)
0-11 : K 0-50 : T3 0-51 : T,X,E9 2-71 : E

C1			CC73FCH1H030C	CHIP C 3.0PF C	
C2			CK73FB1H103K	CHIP C 0.010UF K	T,T3,X,E9
C3			CC73FCH1H120J	CHIP C 12PF J	T3
C4			CC73FCH1H050C	CHIP C 5.0PF C	T3
C5			CK73FB1H102K	CHIP C 1000PF K	T3

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

TK-715/(N)

PARTS LSIT

TX-RX UNIT (X57-424X-XX)

Ref. No.	Address	New parts	Parts No.	Description			Destination
C6			CC73FCH1H020C	CHIP C	2.0PF	C	T3
C6			CC73FCH1H040C	CHIP C	4.0PF	C	E
C6			CC73FCH1H050C	CHIP C	5.0PF	C	K
C7,8			CK73FB1H102K	CHIP C	1000PF	K	
C9			CK73FB1H103K	CHIP C	0.010UF	K	
C10			CK73FB1H102K	CHIP C	1000PF	K	
C11			CC73FCH1H080D	CHIP C	8.0PF	D	T3
C11			CC73FCH1H330J	CHIP C	33PF	J	T,X,E9
C12			CC73FCH1H020C	CHIP C	2.0PF	C	T3
C12			CC73FCH1H090D	CHIP C	9.0PF	D	E
C12			CC73FCH1H100D	CHIP C	10PF	D	K
C13			CK73FB1H102K	CHIP C	1000PF	K	T,T3,X,E9
C14			CC73FCH1H030C	CHIP C	3.0PF	C	T3
C15			CK73FB1H102K	CHIP C	1000PF	K	T3
C16			CC73FCH1H0R5C	CHIP C	0.5PF	C	T,X,E,E9
C16			CC73FCH1H010C	CHIP C	1.0PF	C	T3
C17			CK73FB1H102K	CHIP C	1000PF	K	T3
C18			CC73FCH1H020C	CHIP C	2.0PF	C	T3
C18			CC73FCH1H030C	CHIP C	3.0PF	C	T,X,E9
C18			CC73FCH1H080D	CHIP C	8.0PF	D	E
C18			CC73FCH1H100D	CHIP C	10PF	D	K
C19			CC73FCH1H070D	CHIP C	7.0PF	D	T3
C20			CK73FB1H102K	CHIP C	1000PF	K	T,T3,X,E9
C21			CC73FCH1H040C	CHIP C	4.0PF	C	T3
C22			CK73FB1H102K	CHIP C	1000PF	K	T3
C23			CC73FCH1H0R5C	CHIP C	0.5PF	C	T,X,E,E9
C23			CC73FCH1H010C	CHIP C	1.0PF	C	T3
C24			CC73FCH1H0R5C	CHIP C	0.5PF	C	T,X,E9
C24			CC73FCH1H020C	CHIP C	2.0PF	C	T3
C24			CC73FCH1H080D	CHIP C	8.0PF	D	E
C24			CC73FCH1H100D	CHIP C	10PF	D	K
C25			CC73FCH1H070D	CHIP C	7.0PF	D	T3
C26			CC73FCH1H040C	CHIP C	4.0PF	C	T3
C27			CK73FB1H102K	CHIP C	1000PF	K	T3
C28			CC73FCH1H100D	CHIP C	10PF	D	E
C28			CC73FCH1H150J	CHIP C	15PF	J	T,T3,X,E9
C28			CC73FCH1H150J	CHIP C	15PF	J	K
C29			CC73FCH1H030C	CHIP C	3.0PF	C	E
C29			CC73FCH1H150J	CHIP C	15PF	J	K
C29			CC73FCH1H060D	CHIP C	6.0PF	D	T3
C29			CC73FCH1H100D	CHIP C	10PF	D	T,X,E9
C30			CK73FB1H471K	CHIP C	470PF	K	
C31,32			CK73FB1H102K	CHIP C	1000PF	K	
C33			CK73FB1H103K	CHIP C	0.010UF	K	
C34			CC73FCH1H040C	CHIP C	4.0PF	C	T,T3,X,E9
C35			CK73FB1H102K	CHIP C	1000PF	K	
C36			CC73FCH1H220J	CHIP C	22PF	J	
C37			CC73FCH1H040C	CHIP C	4.0PF	C	T3
C38			CK73FB1H103K	CHIP C	0.010UF	K	
C39			CE04EW1A470M	ELECTRO	47UF	10WV	
C40			CK73FB1E223K	CHIP C	0.022UF	K	
C41,42			CK73FB1H102K	CHIP C	1000PF	K	
C43			CC73FCH1H470J	CHIP C	47PF	J	
C44			CK73FB1H102K	CHIP C	1000PF	K	
C45			CC73FCH1H390J	CHIP C	39PF	J	
C46			CK73FF1C105Z	CHIP C	1.0UF	Z	
C47			C92-0004-05	CHIP-TAN	1.0UF	16WV	
C48,49			CK73FB1E104K	CHIP C	0.10UF	K	
C50			CE04EW1A471M	ELECTRO	470UF	10WV	

Ref. No.	Address	New parts	Parts No.	Description			Destination
C51			CK73FB1H103K	CHIP C	0.010UF	K	
C52,53			CE04EW1C470M	ELECTRO	47UF	16WV	
C54,55			CE04EW1A470M	ELECTRO	47UF	10WV	
C56			CK73FB1E273K	CHIP C	0.027UF	K	T,T3,X
C56			CK73FB1E273K	CHIP C	0.027UF	K	E,E9
C56			CK73FB1H332K	CHIP C	3300PF	K	K
C57			CC73FCH1H101J	CHIP C	100PF	J	
C58			CE04EW1C100M	ELECTRO	10UF	16WV	
C59,60			CK73FF1C105Z	CHIP C	1.0UF	Z	
C61			CK73FB1H103K	CHIP C	0.010UF	K	
C62			CE04EW1A470M	ELECTRO	47UF	10WV	
C63			CK73FB1H273K	CHIP C	0.027UF	K	
C64			CE04EW1C100M	ELECTRO	10UF	16WV	T3
C64			CE04EW1H3R3M	ELECTRO	3.3UF	50WV	T,X,E,E9
C65			CK73FB1H103K	CHIP C	0.010UF	K	
C66			C92-0511-05	CHIP-TAN	0.15UF	35WV	
C67			CK73FB1H102K	CHIP C	1000PF	K	
C68			CK73FB1H183K	CHIP C	0.018UF	K	
C69,70			CK73FB1H102K	CHIP C	1000PF	K	
C71			CK73FB1H471K	CHIP C	470PF	K	
C72			CK73FB1H183K	CHIP C	0.018UF	K	T3
C72			CK73FF1C105Z	CHIP C	1.0UF	Z	T,X,E9
C72			CK73FF1C105Z	CHIP C	1.0UF	Z	E,K
C73			CK73FB1H103K	CHIP C	0.010UF	K	
C74			CE04EW1A470M	ELECTRO	47UF	10WV	
C75			CK73FB1H102K	CHIP C	1000PF	K	
C76			CC73FCH1H100D	CHIP C	10PF	D	
C77-79			CC73FCH1H470J	CHIP C	47PF	J	
C80			CK73FB1H102K	CHIP C	1000PF	K	T,T3,X,E9
C81			CK73FB1H103K	CHIP C	0.010UF	K	
C82			CE04EW1A221M	ELECTRO	220UF	10WV	
C83,84			CK73FB1H102K	CHIP C	1000PF	K	T,T3,X,E9
C85			CE04EW1A221M	ELECTRO	220UF	10WV	
C86,87			CK73FB1H102K	CHIP C	1000PF	K	
C88			CK73FB1H103K	CHIP C	0.010UF	K	
C89			CK73FB1H102K	CHIP C	1000PF	K	
C90			CC73FCH1H060D	CHIP C	6.0PF	D	T3
C90			CC73FCH1H100D	CHIP C	10PF	D	E,K
C90			CC73FCH1H220J	CHIP C	22PF	J	T,X,E9
C91			CK73FB1H102K	CHIP C	1000PF	K	
C92			CK73FB1H103K	CHIP C	0.010UF	K	
C93			CC73FCH1H060D	CHIP C	6.0PF	D	T3
C93			CC73FCH1H100D	CHIP C	10PF	D	E,K
C93			CC73FCH1H220J	CHIP C	22PF	J	T,X,E9
C94			CE04EW1C471M	ELECTRO	470UF	16WV	
C95-98			CK73FB1H102K	CHIP C	1000PF	K	
C99			CK73FF1C105Z	CHIP C	1.0UF	Z	
C100			CK73FB1H102K	CHIP C	1000PF	K	
C101			CE04EW1C470M	ELECTRO	47UF	16WV	
C102			CK73FF1C105Z	CHIP C	1.0UF	Z	
C103			CK73FB1H102K	CHIP C	1000PF	K	
C104			CE04EW1C100M	ELECTRO	10UF	16WV	
C105			CC45SL2H030C	CERAMIC	3.0PF	C	E,K
C105			CC45SL2H090D	CERAMIC	9.0PF	D	T3
C106			CK73FB1H102K	CHIP C	1000PF	K	
C107			CC45SL2H120J	CERAMIC	12PF	J	T,X,E9
C107			CC45SL2H220J	CERAMIC	22PF	J	T3,E,K
C108			CK73FB1H103K	CHIP C	0.010UF	K	
C109			CC73FCH1H050C	CHIP C	5.0PF	C	E,K

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LIST

TX-RX UNIT (X57-424X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
C109			CC73FCH1H090D	CHIP C 9.0PF D	T,X,E9
C109			CC73FCH1H120J	CHIP C 12PF J	T3
C110			CE04EW1A470M	ELECTRO 47UF 10WV	
C111			CK45B2H102K	CERAMIC 1000PF K	
C112			CM73F2H040D	CHIP C 4.0PF D	T3,E,K
C112			CM73F2H220J	CHIP C 22PF J	T,X,E9
C113			CC73FCH1H0R5B	CHIP C 0.5PF B	
C114			CC73FCH1H020C	CHIP C 2.0PF C	
C115			CK73FB1H103K	CHIP C 0.010UF K	
C116,117			CK73FB1H102K	CHIP C 1000PF K	
C118			CC45SL2H220J	CERAMIC 22PF J	E,K
C118			CC45SL2H330J	CERAMIC 33PF J	T3
C118			CC45SL2H390J	CERAMIC 39PF J	T,X,E9
C119			CK73FB1H102K	CHIP C 1000PF K	
C120			CC45SL2H180J	CERAMIC 18PF J	E,K
C120			CC45SL2H270J	CERAMIC 27PF J	T3
C120			CC45SL2H390J	CERAMIC 39PF J	T,X,E9
C121			CK73FB1H103K	CHIP C 0.010UF K	
C122			CC73FCH1H0R5B	CHIP C 0.5PF B	
C123			CC73FCH1H020C	CHIP C 2.0PF C	
C124			CC45SL2H050C	CERAMIC 5.0PF C	E,K
C124			CC45SL2H100D	CERAMIC 10PF D	T3
C124			CC45SL2H150J	CERAMIC 15PF J	T,X,E9
C125			CE04EW1C102M	ELECTRO 1000UF 16WV	
C126			CC73FCH1H080D	CHIP C 8.0PF D	E,K
C127			CC73ECH1H101J	CHIP C 100PF J	
C128,129			CC73FCH1H101J	CHIP C 100PF J	
CN1			E40-3237-05	PIN CONNECTOR (SP)	
CN2,3			E40-5202-05	PIN CONNECTOR (13P)	
CN4			E40-5328-05	PIN CONNECTOR (3P)	
J1			E11-0448-05	PHONE JACK (EX SP)	
J2			E18-0254-05	SOCKET (SET/USE 2P)	
TP1			E23-0465-05	TERMINAL (SM)	
TP2			E23-0465-05	TERMINAL (CV)	
W1			E33-1902-05	FINISHED WIRE SET (HET)	
-			J30-0545-05	SPACER	
CD1			L79-1013-05	CERAMIC DISCRI (CDBM455C16)	
CF1			L72-0376-05	CERAMIC FILTER (CFWM455G)	
L1-4			L34-4080-05	COIL	T,X,E9
L1-4			L34-4103-05	COIL	T3,E,K
L2-4			L34-4324-05	COIL	T3
L5			L40-1081-80	SMALL FIXED INDUCTOR (100nH)	E
L5			L40-1085-48	SMALL FIXED INDUCTOR (100nH)	K
L5			L40-1281-80	SMALL FIXED INDUCTOR (120nH)	T3
L5			L40-1581-80	SMALL FIXED INDUCTOR (150nH)	T,X,E9
L6			L34-2157-05	COIL	E,K
L6			L34-4191-05	COIL	T,T3,X,E9
L7,8			L40-1092-19	SMALL FIXED INDUCTOR (1UH)	
L9			L34-1239-05	COIL	
L10			L34-0895-05	COIL	T,X,E9
L10			L34-1207-05	COIL	T3,E,K
L11			L34-0742-05	COIL	T,X,E9
L11			L34-1193-15	COIL	T3
L11			L34-1208-05	COIL	E,K
L12			L34-0908-05	COIL	
L13,14			L34-0499-05	COIL	T,T3,X,E9
L13,14			L34-1127-05	COIL	E,K

Ref. No.	Address	New parts	Parts No.	Description	Destination
L15			L79-0558-05	FILTER	
X1			L77-1415-05	CRYSTAL RESONATOR (34.855MHZ)	T,T3,X,E9
X1			L77-1419-05	CRYSTAL RESONATOR (30.755MHZ)	E,K
X2			L77-1376-35	TCXO (12.8MHZ)	T,T3,X
X2			L77-1376-35	TCXO (12.8MHZ)	E9,E
X2		*	L77-1729-05	TCXO (12.8MHZ)	K
XF1			L71-0295-05	CRYSTAL FILTER (30.3MHZ)	E,K
XF1			L71-0299-05	CRYSTAL FILTER (34.4MHZ)	T,T3,X,E9
R1			RK73FB2A473J	CHIP R 47K J 1/10W	T,T3,X,E9
R2			R92-0670-05	CHIP R 0 OHM	
R3			RK73FB2A104J	CHIP R 100K J 1/10W	T,T3,X,E9
R4			R92-0670-05	CHIP R 0 OHM	T,T3,X,E9
R5,6			RK73FB2A103J	CHIP R 10K J 1/10W	T3
R7,8			R92-0670-05	CHIP R 0 OHM	T3
R9			RK73FB2A103J	CHIP R 10K J 1/10W	T,X,E9
R9			RK73FB2A222J	CHIP R 2.2K J 1/10W	T3
R9			R92-0670-05	CHIP R 0 OHM	E,K
R10			RK73FB2A274J	CHIP R 270K J 1/10W	T,X,E,E9,K
R10			RK73FB2A473J	CHIP R 47K J 1/10W	T3
R11			RK73FB2A101J	CHIP R 100 J 1/10W	
R12			RK73FB2A473J	CHIP R 47K J 1/10W	T3
R13			RK73FB2A103J	CHIP R 10K J 1/10W	
R14			RK73FB2A101J	CHIP R 100 J 1/10W	
R15			RK73FB2A104J	CHIP R 100K J 1/10W	T,T3,X,E9
R16,17			RK73FB2A103J	CHIP R 10K J 1/10W	T3
R19			RK73FB2A104J	CHIP R 100K J 1/10W	T,T3,X,E9
R20,21			RK73FB2A103J	CHIP R 10K J 1/10W	T3
R22			R92-0670-05	CHIP R 0 OHM	T3
R23			RK73FB2A104J	CHIP R 100K J 1/10W	T,T3,X,E9
R24,25			RK73FB2A103J	CHIP R 10K J 1/10W	T3
R26			RK73FB2A473J	CHIP R 47K J 1/10W	
R27			RK73FB2A333J	CHIP R 33K J 1/10W	T3,E,K
R27			RK73FB2A473J	CHIP R 47K J 1/10W	T,X,E9
R28			RK73FB2A330J	CHIP R 33 J 1/10W	T,X,E,E9,K
R28			R92-0670-05	CHIP R 0 OHM	T3
R29			RK73FB2A470J	CHIP R 47 J 1/10W	
R30			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R31			RK73FB2A274J	CHIP R 270K J 1/10W	
R32			R92-0670-05	CHIP R 0 OHM	
R33			RK73FB2A100J	CHIP R 10 J 1/10W	T,X,E9
R33			RK73FB2A470J	CHIP R 47 J 1/10W	T3,E,K
R34			RK73FB2A101J	CHIP R 100 J 1/10W	
R35			RK73FB2A102J	CHIP R 1.0K J 1/10W	T3
R35			RK73FB2A222J	CHIP R 2.2K J 1/10W	E,K
R35			RK73FB2A472J	CHIP R 4.7K J 1/10W	T,X,E9
R36			RK73FB2A101J	CHIP R 100 J 1/10W	T3
R36			RK73FB2A271J	CHIP R 270 J 1/10W	T,X,E9
R36			RK73FB2A471J	CHIP R 470 J 1/10W	E,K
R37			RK73EB2B101J	CHIP R 100 J 1/8W	
R38			RK73FB2A391J	CHIP R 390 J 1/10W	T3
R38			RK73FB2A471J	CHIP R 470 J 1/10W	T,X,E,E9,K
R39			RK73FB2A224J	CHIP R 220K J 1/10W	
R40			RK73FB2A101J	CHIP R 100 J 1/10W	
R41			RK73FB2A471J	CHIP R 470 J 1/10W	
R42			R92-0670-05	CHIP R 0 OHM	
R43			RK73FB2A153J	CHIP R 15K J 1/10W	
R44			RK73FB2A101J	CHIP R 100 J 1/10W	
R45			R92-0670-05	CHIP R 0 OHM	

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LSIT

TX-RX UNIT (X57-424X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R46			RK73FB2A103J	CHIP R 10K J 1/10W	
R47			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R48			RK73FB2A473J	CHIP R 47K J 1/10W	
R49			R92-0670-05	CHIP R 0 OHM	
R50			RK73FB2A104J	CHIP R 100K J 1/10W	
R51			RK73FB2A223J	CHIP R 22K J 1/10W	
R52			RK73FB2A683J	CHIP R 68K J 1/10W	
R53			R92-1220-05	CHIP R 1.0 K 1/10W	
R54			RK73FB2A680J	CHIP R 68 J 1/10W	T,T3,X
R54			RK73FB2A680J	CHIP R 68 J 1/10W	E9,E
R54			RK73EB2B101J	CHIP R 100 J 1/10W	K
R55			RK73FB2A473J	CHIP R 47K J 1/10W	
R56			RK73FB2A333J	CHIP R 33K J 1/10W	
R57			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R58			RK73FB2A223J	CHIP R 22K J 1/10W	
R59			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R60			RK73FB2A473J	CHIP R 47K J 1/10W	
R61			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R62			R92-0670-05	CHIP R 0 OHM	
R63			RK73FB2A334J	CHIP R 330K J 1/10W	
R64			RK73FB2A182J	CHIP R 1.8K J 1/10W	
R65			RK73FB2A223J	CHIP R 22K J 1/10W	
R66-68			RK73FB2A103J	CHIP R 10K J 1/10W	
R69			RK73FB2A182J	CHIP R 1.8K J 1/10W	
R70			RK73FB2A223J	CHIP R 22K J 1/10W	
R71,72			RK73FB2A473J	CHIP R 47K J 1/10W	
R73			R92-0670-05	CHIP R 0 OHM	
R74			R92-1215-05	CHIP R 470 J 1/2W	
R75			RK73FB2A103J	CHIP R 10K J 1/10W	
R76			RK73FB2A273J	CHIP R 27K J 1/10W	
R77			RK73FB2A394J	CHIP R 390K J 1/10W	
R78,79			R92-0670-05	CHIP R 0 OHM	
R80			RK73FB2A681J	CHIP R 680 J 1/10W	
R81			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R82			RK73FB2A103J	CHIP R 10K J 1/10W	
R83			RK73FB2A223J	CHIP R 22K J 1/10W	
R84			R92-0670-05	CHIP R 0 OHM	
R85			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R86,87			R92-0670-05	CHIP R 0 OHM	
R88			RK73FB2A220J	CHIP R 22 J 1/10W	
R89			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R90			RK73FB2A103J	CHIP R 10K J 1/10W	
R91			R92-0670-05	CHIP R 0 OHM	
R92			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R93,94			R92-0670-05	CHIP R 0 OHM	
R95			RK73FB2A104J	CHIP R 100K J 1/10W	T,T3,X,E9
R96			RK73FB2A471J	CHIP R 470 J 1/10W	T,T3,X,E9
R97			R92-0670-05	CHIP R 0 OHM	
R98			RK73FB2A105J	CHIP R 1.0M J 1/10W	T,T3,X,E9
R99			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R100			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R101			RK73FB2A220J	CHIP R 22 J 1/10W	
R102			RK73FB2A223J	CHIP R 22K J 1/10W	
R103			RK73FB2A103J	CHIP R 10K J 1/10W	T,X,E9
R103			RK73FB2A103J	CHIP R 10K J 1/10W	E,T3
R103			RK73FB2A333J	CHIP R 33K J 1/10W	K
R104,105			RK73FB2A101J	CHIP R 100 J 1/10W	
R106			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R107			R92-0670-05	CHIP R 0 OHM	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R108			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R109			R92-0685-05	CHIP R 22 J 1/2W	
R110			R92-0670-05	CHIP R 0 OHM	
R111			R92-0699-05	CHIP R 10 J 1/2W	
R112			RK73FB2A5R6J	CHIP R 5.6 J 1/10W	
R113			R92-0679-05	CHIP R 0 OHM	
R114			RK73FB2A823J	CHIP R 82K J 1/10W	
R115			R92-0679-05	CHIP R 0 OHM	
R116			R92-1213-05	CHIP R 100 J 1/2W	
R117			R92-0670-05	CHIP R 0 OHM	
R118,119			RK73FB2A223J	CHIP R 22K J 1/10W	
R120,121			RK73FB2A102J	CHIP R 1.0K J 1/10W	
VR1,2			R12-6744-05	TRIMMING POT (47K)	
VR3			R32-0622-05	TRIMMING POT (47K)	
VR4			R32-0618-05	TRIMMING POT (10K)	
VR5			R12-6744-05	TRIMMING POT (47K)	
VR6			R32-0621-05	TRIMMING POT (33K)	T,T3,X,E9
VR6			R32-0622-05	TRIMMING POT (47K)	E,K
D1			1SS226	DIODE	
D2			1SV164	VARI-CAP DIODE	T,T3,X
D3			MA77	DIODE	T,T3,X,E9
D4			1SV164	VARI-CAP DIODE	T,T3,X
D5			MA77	DIODE	T,T3,X,E9
D6			1SV164	VARI-CAP DIODE	T3
D6			1SV166	VARI-CAP DIODE	T,X,E9
D7			MA77	DIODE	T3
D8			1SV164	VARI-CAP DIODE	T,T3,X,E9
D9			MA77	DIODE	T3
D10-13			1SS184	DIODE	
D14			1SS181	DIODE	
D15			MI407	DIODE	
D16			MI308	DIODE	
D17			1SS226	DIODE	
D18			DSA3A1	SURGE ABSORBER	
D19			1SS226	DIODE	
D20			ERZ-M10DK220	SARGE ABSORBER	
D21-23			1SV164	VARI-CAP DIODE	T,X,E9
IC1			KCD04	IC (FM/IF)	
IC2			NJM2904E	IC (OP AMP X2)	
IC3			UPC1241H	IC (AF POWER AMP)	
IC4			KCA05	IC (MIC AMP)	
IC5			NJM78L05UA	IC (VOLTAGE REGULATOR/ +5V)	
IC6			LA5010M	IC (LOW SATURATION REGULATOR)	
IC7			KCB23	IC (DRIVE AMP)	T,X,E9
IC7			KCB25	IC (DRIVE AMP /184-200MHz)	T3
IC7			KCB29	IC (DSIVE AMP /220MHz)	E,K
IC8			L7808CV	IC (VOLTAGE REGULATOR/ +8V)	
Q1			DTC124TU	DIGITAL TRANSISTOR	T3
Q2			3SK184(S)	FET	
Q3			DTC114EU	DIGITAL TRANSISTOR	T3
Q4			FMG1	DIGITAL TRANSISTOR	T3
Q5			3SK131(L)	FET	T,X,E9
Q5			3SK184(S)	FET	T3,E,K
Q6			2SC2714(Y)	TRANSISTOR	
Q7			2SJ106(GR)	FET	
Q8			2SD1757K	TRANSISTOR	
Q9			DTC144WK	DIGITAL TRANSISTOR	
Q10			2SA1362(Y)	TRANSISTOR	

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LIST

TX-RX UNIT (X57-424X-XX)
TX-RX UNIT (X57-4250-21)

Ref. No.	Address	New parts	Parts No.	Description	Destination
Q11			2SC4116(Y)	TRANSISTOR	
Q12			DTC114WK	DIGITAL TRANSISTOR	
Q13			2SB1119(S)	TRANSISTOR	
Q14			2SC4116(Y)	TRANSISTOR	
Q15			DTC144EK	DIGITAL TRANSISTOR	
Q16			DTC114WK	DIGITAL TRANSISTOR	
Q17,18			2SD1757K	TRANSISTOR	
Q19			2SK208(Y)	FET	T,T3,X,E9
Q20			2SC4116(Y)	TRANSISTOR	
Q21			2SC2714(Y)	TRANSISTOR	
Q22			2SD1406(Y)	TRANSISTOR	
Q23			2SB1302(S)	TRANSISTOR	
A1			X59-4100-50	HPF UNIT	T3,E,T
A1			X59-4100-50	HPF UNIT	X,E9
A1		*	X59-4100-52	HPF UNIT	K
A2			X58-3970-50	PLL UNIT	T3
A2			X58-3970-51	PLL UNIT	T,X,E9
A2		*	X58-3980-11	PLL UNIT	K
A2			X58-3982-71	PLL UNIT	E
A3			X59-4090-50	APC UNIT	

TX-RX UNIT (X57-4250-21) : M

C1			CC73FCH1H471J	CHIP C	470PF	J	
C2			CC73FCH1H0R5C	CHIP C	0.5PF	C	
C3			CC73FCH1H560J	CHIP C	56PF	J	
C4			CC73FCH1H101J	CHIP C	100PF	J	
C5,6			CK73FB1H102K	CHIP C	1000PF	K	
C7			CC73FCH1H030C	CHIP C	3.0PF	C	
C8			CK73FB1H102K	CHIP C	1000PF	K	
C10			CC73FCH1H560J	CHIP C	56PF	J	
C11			CK73FB1H102K	CHIP C	1000PF	K	
C12			CC73FCH1H030C	CHIP C	3.0PF	C	
C13,14			CK73FB1H102K	CHIP C	1000PF	K	
C15			CC73FCH1H220J	CHIP C	22PF	J	
C16,17			CK73FB1H102K	CHIP C	1000PF	K	
C18			CE04EW1A470M	ELECTRO	47UF	10WV	
C19			CK73FB1H102K	CHIP C	1000PF	K	
C20			CC73FCH1H470J	CHIP C	47PF	J	
C21			CC73FCH1H390J	CHIP C	39PF	J	
C22			CK73FB1H102K	CHIP C	1000PF	K	
C23			CK73FF1C105Z	CHIP C	1.0UF	Z	
C24			C92-0004-05	CHIP-TAN	1.0UF	16WV	
C25			CK73FB1E104K	CHIP C	0.10UF	K	
C26			CK73FB1H102K	CHIP C	1000PF	K	
C27			CK73FB1E104K	CHIP C	0.10UF	K	
C28			CE04EW1A471M	ELECTRO	470UF	10WV	
C29			CE04EW1C470M	ELECTRO	47UF	16WV	
C30			CK73FB1E103K	CHIP C	0.010UF	K	
C31			CE04EW1C470M	ELECTRO	47UF	16WV	
C32,33			CE04EW1A470M	ELECTRO	47UF	10WV	
C34			CK73FB1H273K	CHIP C	0.027UF	K	
C35			CK73FF1C105Z	CHIP C	1.0UF	Z	
C36			CE04EW1C100M	ELECTRO	10UF	16WV	
C37			CC73FCH1H101J	CHIP C	100PF	J	
C38			CK73FF1C105Z	CHIP C	1.0UF	Z	
C39			CK73FB1E103K	CHIP C	0.010UF	K	
C40			CE04EW1A470M	ELECTRO	47UF	10WV	

Ref. No.	Address	New parts	Parts No.	Description			Destination
C41			CK73FB1H273K	CHIP C	0.027UF	K	
C42			CE04EW1H3R3M	ELECTRO	3.3UF	50WV	
C43			CK73FB1E103K	CHIP C	0.010UF	K	
C44			C92-0511-05	CHIP-TAN	0.15UF	35WV	
C45			CK73FB1H102K	CHIP C	1000PF	K	
C46			CK73FB1H183K	CHIP C	0.018UF	K	
C47-49			CK73FB1H102K	CHIP C	1000PF	K	
C50			CC73FCH1H471J	CHIP C	470PF	J	
C51			CK73FF1C105Z	CHIP C	1.0UF	Z	
C52			CK73FB1H102K	CHIP C	1000PF	K	
C53,54			CK73FB1H103K	CHIP C	0.010UF	K	
C55			CE04EW1A470M	ELECTRO	47UF	10WV	
C56			CE04EW1C100M	ELECTRO	10UF	16WV	
C57			CE04EW1A221M	ELECTRO	220UF	10WV	
C58			CK73FB1H103K	CHIP C	0.010UF	K	
C60			CK73FB1H102K	CHIP C	1000PF	K	
C62			CC73FCH1H101J	CHIP C	100PF	J	
C63			CC73FCH1H070D	CHIP C	7.0PF	D	
C64,65			CK73FB1H102K	CHIP C	1000PF	K	
C66			CC73FCH1H070D	CHIP C	7.0PF	D	
C67			CK73FB1H102K	CHIP C	1000PF	K	
C68			CC73FCH1H101J	CHIP C	100PF	J	
C69			CK73FB1H103K	CHIP C	0.010UF	K	
C70			CE04EW1C471M	ELECTRO	470UF	16WV	
C71-75			CK73FB1H102K	CHIP C	1000PF	K	
C76			CK73FF1C105Z	CHIP C	1.0UF	Z	
C78			CK73FB1H102K	CHIP C	1000PF	K	
C79			CE04EW1C470M	ELECTRO	47UF	16WV	
C80,81			CK73FF1C105Z	CHIP C	1.0UF	Z	
C82			CK73FB1H102K	CHIP C	1000PF	K	
C83			CC73FCH1H101J	CHIP C	100PF	J	
C84			CE04EW1C100M	ELECTRO	10UF	16WV	
C86			CC73FCH1H471J	CHIP C	470PF	J	
C87			CK73FB1H102K	CHIP C	1000PF	K	
C88			CK45B2H102K	CERAMIC	1000PF	K	
C89			CC73FCH1H100D	CHIP C	10PF	D	
C92			CC73FCH1H0R5B	CHIP C	0.5PF	B	
C93			CC73FCH1H020C	CHIP C	2.0PF	C	
C94,95			CK73FB1H102K	CHIP C	1000PF	K	
C96,97			CC45SL2H180J	CERAMIC	18PF	J	
C98			CC73FCH1H0R5B	CHIP C	0.5PF	B	
C99			CC73FCH1H020C	CHIP C	2.0PF	C	
C100			CK73FB1H102K	CHIP C	1000PF	K	
C101			CM73F2H090D	CHIP C	9.0PF	D	
C102			CK73FB1H103K	CHIP C	0.010UF	K	
C103			CE04EW1C100M	ELECTRO	10UF	16WV	
C104,105			CK73FB1H103K	CHIP C	0.010UF	K	
C106			C90-2092-05	ELECTRO	1800UF	16WV	
C109			CC73FCH1H100D	CHIP C	10PF	D	
C110-112			CC73FCH1H470J	CHIP C	47PF	J	
C113			CC45SL2H080D	CERAMIC	8.0PF	D	
C114			CC45SL2H090D	CERAMIC	9.0PF	D	
C115			CC73ECH1H101J	CHIP C	100PF	J	
C116			CC73FCH1H470J	CHIP C	47PF	J	
C117,118			CC73FCH1H101J	CHIP C	100PF	J	
C119			CC73FCH1H470J	CHIP C	47PF	J	
TC1			C05-0348-05	TRIM CAP	6PF		
CN1			E40-3237-05	PIN CONNECTOR (SP)			

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LSIT

TX-RX UNIT (X57-4250-21)

Ref. No.	Address	New parts	Parts No.	Description	Destination
CN2,3			E40-5202-05	PIN CONNECTOR (13P)	
CN4			E40-5328-05	PIN CONNECTOR (3P)	
J1			E11-0448-05	PHONE JACK (EX SP)	
J2			E18-0254-05	SOCKET (SET/USE 2P)	
TP1			E40-0211-05	PIN CONNECTOR (2P)	
TP2-4			E23-0465-05	TERMINAL	
W1			E33-1902-05	FINISHED WIRE SET (HET)	
-			J30-0545-05	SPACER	
CD1			L79-1013-05	CERAMIC DISCRI (CDBM455C16)	
CF1			L72-0376-05	CERAMIC FILTER (CFWM455G)	
L1			L79-1160-05	HELICAL (257MHZ)	
L2			L40-1081-80	SMALL FIXED INDUCTOR (100nH)	
L3			L40-3972-80	SMALL FIXED INDUCTOR (39nH)	
L4			L79-1161-05	HELICAL (257MHZ)	
L5			L40-1081-80	SMALL FIXED INDUCTOR (100nH)	
L6			L40-5672-80	SMALL FIXED INDUCTOR (56nH)	
L7			L34-2157-05	COIL	
L8			L40-1092-81	SMALL FIXED INDUCTOR (1.0UH)	
L9			L40-6872-80	SMALL FIXED INDUCTOR (68nH)	
L10			L34-0908-05	COIL	
L11			L34-1207-05	COIL	
L13			L34-1059-05	COIL	
L14			L34-0908-05	COIL	
L15,16			L34-1059-05	COIL	
L17			L79-0558-05	FILTER	
X1			L77-1419-05	CRYSTAL RESONATOR (30.755MHz)	
X2			L77-1376-35	TCXO (12.8MHz)	
XF1			L71-0295-05	CRYSTAL FILTER (30.3MHz)	
R1			R92-0670-05	CHIP R 0 OHM	
R2			RK73FB2A333J	CHIP R 33K J 1/10W	
R3			RK73FB2A101J	CHIP R 100 J 1/10W	
R4			RK73FB2A103J	CHIP R 10K J 1/10W	
R5			RK73FB2A104J	CHIP R 100K J 1/10W	
R6			RK73FB2A101J	CHIP R 100 J 1/10W	
R7,8			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R9			RK73FB2A223J	CHIP R 22K J 1/10W	
R10			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R11			RK73FB2A220J	CHIP R 22 J 1/10W	
R12			RK73FB2A470J	CHIP R 47 J 1/10W	
R13			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R14			RK73FB2A470J	CHIP R 47 J 1/10W	
R15,16			RK73FB2A471J	CHIP R 470 J 1/10W	
R17			RK73FB2A334J	CHIP R 330K J 1/10W	
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R19			RK73FB2A101J	CHIP R 100 J 1/10W	
R20			RK73EB2B101J	CHIP R 100 J 1/8W	
R21			RK73FB2A153J	CHIP R 15K J 1/10W	
R22			RK73FB2A101J	CHIP R 100 J 1/10W	
R23			R92-0670-05	CHIP R 0 OHM	
R24			RK73FB2A683J	CHIP R 68K J 1/10W	
R25			RK73FB2A273J	CHIP R 27K J 1/10W	
R26			R92-0670-05	CHIP R 0 OHM	
R27			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R28			RK73FB2A103J	CHIP R 10K J 1/10W	
R29			RK73FB2A473J	CHIP R 47K J 1/10W	
R30			RK73FB2A104J	CHIP R 100K J 1/10W	
R31			RK73FB2A223J	CHIP R 22K J 1/10W	
R32			RK73FB2A1R0J	CHIP R 1.0 J 1/10W	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R33			RK73FB2A680J	CHIP R 68 J 1/10W	
R35			RK73FB2A473J	CHIP R 47K J 1/10W	
R36			RK73FB2A333J	CHIP R 33K J 1/10W	
R37			RK73FB2A223J	CHIP R 22K J 1/10W	
R38			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R39,40			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R42			RK73FB2A473J	CHIP R 47K J 1/10W	
R43			RK73FB2A334J	CHIP R 330K J 1/10W	
R44			RK73FB2A223J	CHIP R 22K J 1/10W	
R45			RK73FB2A182J	CHIP R 1.8K J 1/10W	
R46-48			RK73FB2A103J	CHIP R 10K J 1/10W	
R49			RK73FB2A182J	CHIP R 1.8K J 1/10W	
R50			RK73FB2A223J	CHIP R 22K J 1/10W	
R51			R92-0670-05	CHIP R 0 OHM	
R52,53			RK73FB2A473J	CHIP R 47K J 1/10W	
R54			R92-0670-05	CHIP R 0 OHM	
R55			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R56			RK73FB2A681J	CHIP R 680 J 1/10W	
R57			RK73FB2A394J	CHIP R 390K J 1/10W	
R58			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R59,60			R92-0670-05	CHIP R 0 OHM	
R61			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R62			RK73FB2A103J	CHIP R 10K J 1/10W	
R63			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R64			RK73FB2A103J	CHIP R 10K J 1/10W	
R65			R92-0670-05	CHIP R 0 OHM	
R66			RK73FB2A220J	CHIP R 22 J 1/10W	
R67-70			R92-0670-05	CHIP R 0 OHM	
R71			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R72			RK73FB2A220J	CHIP R 22 J 1/10W	
R73			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R74			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R75			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R76,77			RK73FB2A101J	CHIP R 100 J 1/10W	
R78			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R79			R92-0670-05	CHIP R 0 OHM	
R80			R92-0685-05	CHIP R 22 J 1/2W	
R81			R92-0670-05	CHIP R 0 OHM	
R82			RK73FB2A823J	CHIP R 82K J 1/10W	
R83,84			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R85			RK73FB2A5R6J	CHIP R 5.6 J 1/10W	
R86			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R87			R92-0699-05	CHIP R 10 J 1/2W	
R88			R92-0679-05	CHIP R 0 OHM	
R91			R92-1214-05	CHIP R 120 J 1/2W	
R92,93			RK73FB2A103J	CHIP R 10K J 1/10W	
R94			R92-1215-05	CHIP R 470 J 1/2W	
R95			RK73FB2A103J	CHIP R 10K J 1/10W	
R96,97			R92-0679-05	CHIP R 0 OHM	
R98			R92-0670-05	CHIP R 0 OHM	
R99			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R100			R92-0670-05	CHIP R 0 OHM	
R101			RK73FB2A100J	CHIP R 10 J 1/10W	
VR1,2			R12-6744-05	TRIMMING POT (47K)	
VR3			R32-0618-05	TRIMMING POT (10K)	
VR4			R32-0622-05	TRIMMING POT (47K)	
VR5			R12-6744-05	TRIMMING POT (47K)	
VR6			R32-0621-05	TRIMMING POT (33K)	

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LIST

TX-RX UNIT (X57-4250-21)
PLL (X58-3970-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
D1			MI308	DIODE	
D2-4			1SS184	DIODE	
D5			DAN235K	DIODE	
D6			1SS181	DIODE	
D7			MI407	DIODE	
D8			MI308	DIODE	
D9,10			MA716	DIODE	
D11			DSA3A1	SURGE ABSORBER	
D12			ERZ-M10DK220	SARGE ABSORBER	
D13			1SS226	DIODE	
IC1			KCD04	IC (FM/IF)	
IC2			UPC1241H	IC (AF POWER AMP)	
IC3			KCA05	IC (MIC AMP)	
IC4			NJM78L05UA	IC (VOLTAGE REGULATOR/ +5V)	
IC5			LA5010M	IC (LOW SATURATION REGULATOR)	
IC6			KCB30	IC (DRIVE AMP /260MHz)	
IC7			L7808CV	IC (VOLTAGE REGULATOR/ +8V)	
IC8			NJM2904E	IC (OP AMP X2)	
Q1,2			3SK184(S)	FET	
Q3			2SC2714(Y)	TRANSISTOR	
Q4			2SJ106(GR)	FET	
Q5			2SD1757K	TRANSISTOR	
Q6			2SA1362(Y)	TRANSISTOR	
Q7			2SB1119(S)	TRANSISTOR	
Q8			DTC144WK	DIGITAL TRANSISTOR	
Q9			DTC114WK	DIGITAL TRANSISTOR	
Q10,11			2SC4116(Y)	TRANSISTOR	
Q12			DTC144EK	DIGITAL TRANSISTOR	
Q13			DTC114WK	DIGITAL TRANSISTOR	
Q14,15			2SD1757K	TRANSISTOR	
Q16			2SC4116(Y)	TRANSISTOR	
Q17			2SC2757(T33)	TRANSISTOR	
Q18			2SD1406(Y)	TRANSISTOR	
Q19			2SB1302(S)	TRANSISTOR	
A1			X59-4100-50	HPF UNIT	
A2			X58-3980-21	PLL UNIT	
A3			X59-4090-50	APC UNIT	
PLL (X58-3970-XX) -50 : T3 -51 : T,X,E9					
C1-3			CK73FB1H102K	CHIP C 1000PF K	
C4			CK73FB1E104K	CHIP C 0.10UF K	
C5,6			CK73FB1H102K	CHIP C 1000PF K	
C7			CK73FB1E104K	CHIP C 0.10UF K	T3
C8			CK73FB1H102K	CHIP C 1000PF K	
C9			CC73FCH1H100D	CHIP C 10PF D	
C10			CK73FB1H102K	CHIP C 1000PF K	
C11			CK73FB1E683K	CHIP C 0.068UF K	
C12			CK73FB1E104K	CHIP C 0.10UF K	
C13			CK73FB1H102K	CHIP C 1000PF K	
C14			CK73FB1E333K	CHIP C 0.033UF K	T3
C14			CK73FB1E473K	CHIP C 0.047UF K	T,X,E9
C15			C92-0504-05	CHIP-TAN 0.68UF 20WV	T3
C15			C92-0588-05	CHIP-TAN 1.5UF 16V	T,X,E9
C16			CC73FCH1H030C	CHIP C 3.0PF C	T3
C16			CC73FCH1H040C	CHIP C 4.0PF C	T,X,E9
C17			C92-0504-05	CHIP-TAN 0.68UF 20WV	T3
C17			C92-0588-05	CHIP-TAN 1.5UF 16V	T,X,E9

Ref. No.	Address	New parts	Parts No.	Description	Destination
C18,19			CK73FB1H102K	CHIP C 1000PF K	
C20			C92-0555-05	CHIP-TAN 0.047UF 35WV	
C21			CK73FB1E104K	CHIP C 0.10UF K	T,X,E9
C22			CC73FCH1H100D	CHIP C 10PF D	
C101			CK73GB1H102K	CHIP C 1000PF K	T3
C102			CK73GB1E103K	CHIP C 0.010UF K	
C103			CK73GB1H102K	CHIP C 1000PF K	T3
C104			CC73GCH1H0R5C	CHIP C 0.5PF C	
C105			CC73GCH1H220J	CHIP C 22PF J	T3
C105			CC73GCH1H221J	CHIP C 220PF J	T,X,E9
C106			CC73GCH1H120J	CHIP C 12PF J	T3
C106			CC73GCH1H221J	CHIP C 220PF J	T,X,E9
C107			CC73GCH1H0R5C	CHIP C 0.5PF C	T,X,E9
C108			CC73GCH1H040C	CHIP C 4.0PF C	T3
C109			CC73GCH1H0R3B	CHIP C 0.3PF B	T,X,E9
C110			CK73GB1E103K	CHIP C 0.010UF K	
C111			CC73GCH1H0R5C	CHIP C 0.5PF C	T3
C111			CC73GCH1H010C	CHIP C 1.0PF C	T,X,E9
C112			CK73GB1E103K	CHIP C 0.010UF K	
C113			CC73GCH1H020C	CHIP C 2.0PF C	
C114			CK73GB1H102K	CHIP C 1000PF K	
C115			CC73GCH1H020C	CHIP C 2.0PF C	
C116-120			CK73GB1H102K	CHIP C 1000PF K	
C121			CC73GCH1H220J	CHIP C 22PF J	
CN1			E40-5201-05	PIN CONNECTOR (7P)	
CN101			E40-0411-05	PIN CONNECTOR (4P)	
CN102			E40-0311-05	PIN CONNECTOR (3P)	
-			F11-1122-24	SHIELDING CASE	
L1			L92-0131-05	CORE	
L2			L92-0131-05	CORE	T3
L3			L92-0131-05	CORE	
L4			L40-1081-80	SMALL FIXED INDUCTOR (100nH)	
L101			L40-1092-19	SMALL FIXED INDUCTOR (1UH)	
L102,103			L40-4791-19	SMALL FIXED INDUCTOR (4.7UH)	
L104-107			L33-1268-15	SMALL FIXED INDUCTOR (10UH)	
L108			L34-2332-05	COIL	
L109			L34-2331-05	COIL	
L110			L40-1581-80	SMALL FIXED INDUCTOR (150nH)	
R1-3			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R4			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R5			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R6,7			RK73FB2A471J	CHIP R 470 J 1/10W	
R8			RK73FB2A152J	CHIP R 1.5K J 1/10W	T,X,E9
R8			RK73FB2A471J	CHIP R 470 J 1/10W	T3
R9			RK73FB2A222J	CHIP R 2.2K J 1/10W	T,X,E9
R9			RK73FB2A472J	CHIP R 4.7K J 1/10W	T3
R10			RK73FB2A223J	CHIP R 22K J 1/10W	
R11			RK73FB2A103J	CHIP R 10K J 1/10W	
R12			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R13			RK73FB2A221J	CHIP R 220 J 1/10W	
R14			R92-0670-05	CHIP R 0 OHM	
R15			RK73FB2A682J	CHIP R 6.8K J 1/10W	
R16			RK73FB2A221J	CHIP R 220 J 1/10W	
R101			RK73GB1J183J	CHIP R 18K J 1/16W	
R102			RK73GB1J470J	CHIP R 47 J 1/16W	
R103,104			RK73GB1J101J	CHIP R 100 J 1/16W	
R105			RK73GB1J104J	CHIP R 100K J 1/16W	
R106			R92-1252-05	CHIP R 0 OHM	T3

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LSIT

PLL (X58-3970-XX)
PLL (X58-398X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R107			RK73GB1J103J	CHIP R 10K J 1/16W	T3
R108,109			RK73GB1J470J	CHIP R 47 J 1/16W	
R110,111			RK73GB1J101J	CHIP R 100 J 1/16W	
R112,113			RK73GB1J471J	CHIP R 470 J 1/16W	
R114			RK73GB1J103J	CHIP R 10K J 1/16W	
R115			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R116			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R117			RK73GB1J471J	CHIP R 470 J 1/16W	
D101			1SV164	VARI-CAP DIODE	
D102			1SV166	VARI-CAP DIODE	T,X,E9
D102			1T33C	VARI-CAP DIODE	T3
D103			1SV166	VARI-CAP DIODE	
D104			1SV166	VARI-CAP DIODE	T,X,E9
D104			1T33C	VARI-CAP DIODE	T3
D105			1SV166	VARI-CAP DIODE	
D106,107			MA77	DIODE	T3
IC1			TC9181F	IC (PLL)	
IC2			MB504F	IC (MODULUS PRE SCALER)	
Q1			2SC4215(Y)	TRANSISTOR	
Q2			2SC2713(B)	TRANSISTOR	
Q3			2SC3324(B)	TRANSISTOR	
Q101			DTC114EU	DIGITAL TRANSISTOR	T3
Q102,103			2SK508NV(K52)	FET	
Q104			UMH5N	TRANSISTOR	
Q105			DTC114EU	DIGITAL TRANSISTOR	
Q106			2SC4083(P,Q)	TRANSISTOR	

PLL (X58-398X-XX) 0-11 : K 0-21 : M 2-71 : E

C1-3			CK73FB1H102K	CHIP C 1000PF K	
C4			CK73FB1E104K	CHIP C 0.10UF K	
C5,6			CK73FB1H102K	CHIP C 1000PF K	
C7			CK73FB1E104K	CHIP C 0.10UF K	
C8			CK73FB1H102K	CHIP C 1000PF K	
C9			CC73FCH1H050C	CHIP C 5.0PF C	
C11			CK73FB1E473K	CHIP C 0.047UF K	
C12			CK73FB1E104K	CHIP C 0.10UF K	
C13			CK73FB1H102K	CHIP C 1000PF K	
C14			CK73FB1E393K	CHIP C 0.039UF K	E,M
C14			CK73FB1E473K	CHIP C 0.047UF K	K
C15			C92-0588-05	CHIP-TAN 1.5UF 16WV	E,M
C15			C92-0504-05	CHIP-TAN 0.68UF 20WV	K
C16			CC73FCH1H020C	CHIP C 2.0PF C	
C17			C92-0512-05	CHIP-TAN 1.0UF 16WV	
C18,19			CK73FB1H102K	CHIP C 1000PF K	
C20			C92-0555-05	CHIP-TAN 0.047UF 35WV	E,M
C20			C92-0503-05	CHIP-TAN 0.068UF 35WV	K
C101			CK73GB1H102K	CHIP C 1000PF K	
C102,103			CK73GB1H471K	CHIP C 470PF K	
C104			CK73GB1H102K	CHIP C 1000PF K	
C105			CC73GCH1H150J	CHIP C 15PF J	M
C105			CC73GCH1H180J	CHIP C 18PF J	K
C105,106			CC73GCH1H080D	CHIP C 8.0PF D	E
C106			CC73GCH1H120J	CHIP C 12PF J	M
C106			CC73GCH1H090D	CHIP C 9.0PF D	K
C107			CC73GCH1H010C	CHIP C 1.0PF C	
C108,109			CC73GCH1H060D	CHIP C 6.0PF D	E
C108,109			CC73GCH1H070D	CHIP C 7.0PF D	M,K

Ref. No.	Address	New parts	Parts No.	Description	Destination
C110			CK73GB1H102K	CHIP C 1000PF K	
C111			CC73GCH1H030C	CHIP C 3.0PF C	E
C111			CC73GCH1H050C	CHIP C 5.0PF C	M,K
C112			CC73GCH1H050C	CHIP C 5.0PF C	
C113			CC73GCH1H010C	CHIP C 1.0PF C	
C114			CC73GCH1H070D	CHIP C 7.0PF D	
C115			CC73GCH1H050C	CHIP C 5.0PF C	M
C115			CC73GCH1H060D	CHIP C 6.0PF D	E,K
C116			CC73GCH1H120J	CHIP C 12PF J	M
C116			CC73GCH1H150J	CHIP C 15PF J	E,K
C117			CC73GCH1H150J	CHIP C 15PF J	M
C117			CC73GCH1H180J	CHIP C 18PF J	E,K
C118			CC73GCH1H180J	CHIP C 18PF J	
C119			CC73GCH1H120J	CHIP C 12PF J	M
C119			CC73GCH1H180J	CHIP C 18PF J	E,K
C120,121			CK73GB1H102K	CHIP C 1000PF K	
C122			CC73GCH1H0R5C	CHIP C 0.5PF C	
C123,124			CK73GB1H102K	CHIP C 1000PF K	
C125			CC73GCH1H0R5C	CHIP C 0.5PF C	
C126			CC73GCH1H060D	CHIP C 6.0PF D	
C127			CK73GB1H102K	CHIP C 1000PF K	
CN1			E40-5201-05	PIN CONNECTOR (7P)	
CN101			E40-0411-05	PIN CONNECTOR (4P)	
CN102			E40-0311-05	PIN CONNECTOR (3P)	
-			F11-1122-24	SHIELDING CASE	
L1			L92-0131-05	CORE	
L3			L92-0131-05	CORE	
L4			L40-1081-80	SMALL FIXED INDUCTOR (100nH)	E,K
L4			L40-8272-80	SMALL FIXED INDUCTOR (82nH)	M
L101			L33-1268-15	SMALL FIXED INDUCTOR (10UH)	E,K
L101-104			L40-1892-19	SMALL FIXED INDUCTOR (1.8UH)	M
L102			L33-1268-15	SMALL FIXED INDUCTOR (10UH)	E,K
L103,104			L40-2292-19	SMALL FIXED INDUCTOR (2.2UH)	E,K
L105			L40-2281-80	SMALL FIXED INDUCTOR (220NH)	
L106			L34-4387-05	COIL	M
L106			L34-4452-05	COIL	E,K
L107			L34-4387-05	COIL	M
L107			L34-4453-05	COIL	E,K
L108			L40-2281-80	SMALL FIXED INDUCTOR (220NH)	
L109,110			L40-8282-19	SMALL FIXED INDUCTOR (0.82UH)	
L111			L40-6872-80	SMALL FIXED INDUCTOR (68NH)	M
L111			L40-8272-80	SMALL FIXED INDUCTOR (82NH)	E,K
R1-3			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R4			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R5			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R6			RK73FB2A471J	CHIP R 470 J 1/10W	E
R6			RK73FB2A152J	CHIP R 1.5K J 1/10W	K
R6			R92-0670-05	CHIP R 0 OHM	M
R7			R92-0670-05	CHIP R 0 OHM	
R8			RK73FB2A102J	CHIP R 1.0K J 1/10W	K
R8,9			RK73FB2A272J	CHIP R 2.7K J 1/10W	M
R8,9			RK73FB2A332J	CHIP R 3.3K J 1/10W	E
R9			RK73FB2A392J	CHIP R 3.9K J 1/10W	K
R10			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R11			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R12			RK73FB2A102J	CHIP R 1.0K J 1/10W	E
R12			RK73FB2A152J	CHIP R 1.5K J 1/10W	M,K

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M

PARTS LIST

PLL (X58-398X-XX)
APC (X59-4090-50)
HPF (X59-4100-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R13			RK73FB2A331J	CHIP R 330 J 1/10W	
R14			R92-0670-05	CHIP R 0 OHM	
R15			RK73FB2A392J	CHIP R 3.9K J 1/10W	E
R15			RK73FB2A472J	CHIP R 4.7K J 1/10W	M
R15			RK73FB2A332J	CHIP R 3.3K J 1/10W	K
R16			RK73FB2A221J	CHIP R 220 J 1/10W	
R101,102			RK73GB1J221J	CHIP R 220 J 1/16W	
R103			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R104			RK73GB1J683J	CHIP R 68K J 1/16W	
R105,106			RK73GB1J470J	CHIP R 47 J 1/16W	
R107			RK73GB1J181J	CHIP R 180 J 1/16W	
R108			RK73GB1J221J	CHIP R 220 J 1/16W	
R109,110			RK73GB1J470J	CHIP R 47 J 1/16W	
R111			RK73GB1J103J	CHIP R 10K J 1/16W	
R112			RK73GB1J392J	CHIP R 3.9K J 1/16W	
R113			RK73GB1J101J	CHIP R 100 J 1/16W	
R114			RK73GB1J103J	CHIP R 10K J 1/16W	
D101			1T363A	DIODE	
D102			1SV164	DIODE	
D103-105			1T363A	DIODE	
IC1			TC9181F	IC (PLL)	
IC2			MB504F	IC (MODULUS PRE SCALER)	
Q1			2SC4215(Y)	TRANSISTOR	
Q2,3			2SC3722K(S)	TRANSISTOR	
Q101,102			2SK508NV(K52)	FET	
Q103			DTC114EU	DIGITAL TRANSISTOR	
Q104			UMH5N	DIGITAL TRANSISTOR	
Q105			2SC3120	TRANSISTOR	

APC (X59-4090-50)

C1			CK73FB1H102K	CHIP C 1000PF K	
C2			C92-0501-05	CHIP-TAN 1.5UF 10WV	
C3			CK73FB1H472K	CHIP C 4700PF K	
C4			CK73FB1H102K	CHIP C 1000PF K	
C5			CK73FB1H472K	CHIP C 4700PF K	
C6			CK73FB1H102K	CHIP C 1000PF K	
-			E23-0471-05	TERMINAL	
R1			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R2			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R3			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R4,5			RK73FB2A103J	CHIP R 10K J 1/10W	
R6			RK73FB2A122J	CHIP R 1.2K J 1/10W	
Q1,2			FMW1	DIGITAL TRANSISTOR	
Q3			2SA1162(Y)	TRANSISTOR	

HPF (X59-4100-XX) -50 : T,T3,X,E,E9,M -52 : K

C1			CK73GB1E223K	CHIP C 0.022UF C	K
C2			CK73GB1H682K	CHIP C 6800PF K	K
C1-3			CK73GB1H272K	CHIP C 2700PF K	T,T3,E
C1-3			CK73GB1H272K	CHIP C 2700PF K	X,M,E9
C3			CK73GB1E123K	CHIP C 0.012UF K	K
C4-6		*	CC73FCH1H272J	CHIP C 2700PF J	K
C4-6			CK73FB1H272K	CHIP C 2700PF K	T,T3,E
C4-6			CK73FB1H272K	CHIP C 2700PF K	X,M,E9
C7			CK73FB1H102K	CHIP C 1000PF K	
C8		*	CC73FCH1H272J	CHIP C 2700PF J	K
C8			CK73FB1H272K	CHIP C 2700PF K	T,T3,E
C8			CK73FB1H272K	CHIP C 2700PF K	X,M,E9
C10			CK73EF1C105Z	CHIP C 1.0UF Z	
-			E23-0471-05	TERMINAL	
R1			RK73GB1J394J	CHIP R 390K J 1/16W	
R2			RK73GB1J681J	CHIP R 680 J 1/16W	
R3			RK73GB1J332J	CHIP R 3.3K J 1/16W	
R4			RK73GB1J124J	CHIP R 120K J 1/16W	T,T3,E
R4			RK73GB1J124J	CHIP R 120K J 1/16W	X,M,E9
R5			RK73GB1J683J	CHIP R 68K J 1/16W	T,T3,E
R5			RK73GB1J683J	CHIP R 68K J 1/16W	X,M,E9
R5			RK73GB1J123J	CHIP R 12K J 1/16W	K
R6-7			RK73GB1J824J	CHIP R 820K J 1/16W	
R8			RK73FB2A124G	CHIP R 120K G 1/10W	T,T3,E
R8			RK73FB2A124G	CHIP R 120K G 1/10W	X,M,E9
R8			RN73FH2A224D	CHIP R 220K D 1/16W	K
R9			RK73FB2A564G	CHIP R 560K G 1/10W	T,T3,E
R9			RK73FB2A564G	CHIP R 560K G 1/10W	X,M,E9
R9			RN73FH2A474D	CHIP R 470K D 1/16W	K
R10			RK73FB2A104G	CHIP R 100K G 1/10W	T,T3,E
R10			RK73FB2A104G	CHIP R 100K G 1/10W	X,M,E9
R10			RN73FH2A104D	CHIP R 100K D 1/16W	K
R16			RK73GB1J122J	CHIP R 1.2K J 1/16W	
R17			R92-0670-05	CHIP R 0 OHM	
IC1			NJM4558M	IC (OP AMP X2)	
Q1			2SC2712(Y)	TRANSISTOR	

TK-715 : K,T,T3,X,E,E9
TK-715(N) : M