

## PARTS LIST

× New Parts

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.

TX-RX UNIT (X57-369X-XX)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Destination 仕向	Remarks 備考
R3			RK73FB2A274J	CHIP R 270K J 1/10W	M3EE9	
R3			RK73FB2A274J	CHIP R 270K J 1/10W	EM, E2	
R4			RK73FB2A101J	CHIP R 100 J 1/10W		
R5			RK73FB2A103J	CHIP R 10K J 1/10W		
R6			RK73FB2A101J	CHIP R 100 J 1/10W		
R7			RK73FB2A104J	CHIP R 100K J 1/10W		
R8			RK73FB2A333J	CHIP R 33K J 1/10W	KPX	
R8			RK73FB2A333J	CHIP R 33K J 1/10W	K2P2	
R9 -11			RK73FB2A104J	CHIP R 100K J 1/10W		
R12 ,13			RK73FB2A473J	CHIP R 47K J 1/10W		
R14			RK73FB2A470J	CHIP R 47 J 1/10W		
R15			RK73FB2A274J	CHIP R 270K J 1/10W	KPXMM2	
R15			RK73FB2A274J	CHIP R 270K J 1/10W	M3EE9	
R15			RK73FB2A274J	CHIP R 270K J 1/10W	EM, E2	
R16			RK73FB2A470J	CHIP R 47 J 1/10W		
R17			RK73FB2A103J	CHIP R 10K J 1/10W		
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R19			R92-0670-05	CHIP R 0 ΩHM	KPXMM2	
R19			R92-0670-05	CHIP R 0 ΩHM	M3EE9	
R19			R92-0670-05	CHIP R 0 ΩHM	EM, E2	
R20			RK73FB2A101J	CHIP R 100 J 1/10W		
R21			RK73FB2A471J	CHIP R 470 J 1/10W		
R22			RK73FB2A152J	CHIP R 1.5K J 1/10W	KPXMM2	
R22			RK73FB2A152J	CHIP R 1.5K J 1/10W	M3EE9	
R22			RK73FB2A152J	CHIP R 1.5K J 1/10W	EM, E2	
R23			RK73FB2A471J	CHIP R 470 J 1/10W	KPXMM2	
R23			RK73FB2A471J	CHIP R 470 J 1/10W	M3EE9	
R23			RK73FB2A471J	CHIP R 470 J 1/10W	EM, E2	
R23			RK73FB2A102J	CHIP R 1.0K J 1/10W	K2P2	
R24			RK73FB2A101J	CHIP R 100 J 1/10W		
R25			RK73FB2A103J	CHIP R 10K J 1/10W		
R26			RK73FB2A473J	CHIP R 47K J 1/10W		
R27			RK73FB2A272J	CHIP R 2.7K J 1/10W	KPX	
R27			RK73FB2A272J	CHIP R 2.7K J 1/10W	K2P2	
R28			RK73FB2A103J	CHIP R 10K J 1/10W		
R29			RK73FB2A681J	CHIP R 680 J 1/10W	KPX	
R29			RK73FB2A681J	CHIP R 680 J 1/10W	K2P2	
R30			RK73FB2A103J	CHIP R 10K J 1/10W	K2P2	
R30			RK73FB2A153J	CHIP R 15K J 1/10W	KPXMM2	
R30			RK73FB2A153J	CHIP R 15K J 1/10W	M3EE9	
R30			RK73FB2A153J	CHIP R 15K J 1/10W	EM, E2	
R31			RK73FB2A274J	CHIP R 270K J 1/10W	KPX	
R31			RK73FB2A274J	CHIP R 270K J 1/10W	K2P2	
R32			RK73FB2A332J	CHIP R 3.3K J 1/10W	KPX	
R32			RK73FB2A332J	CHIP R 3.3K J 1/10W	K2P2	
R33			RK73FB2A102J	CHIP R 1.0K J 1/10W	KPX	
R33			RK73FB2A102J	CHIP R 1.0K J 1/10W	K2P2	
R35 ,36			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R37			RK73FB2A334J	CHIP R 330K J 1/10W		
R38			RK73FB2A331J	CHIP R 330 J 1/10W		
R39			R92-0670-05	CHIP R 0 ΩHM	KPXMM2	
R39			R92-0670-05	CHIP R 0 ΩHM	M3EE9	
R39			R92-0670-05	CHIP R 0 ΩHM	EM, E2	
R40			RK73FB2A331J	CHIP R 330 J 1/10W		
R43			R92-1220-05	CHIP R 1 J 1/10W		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

⚠ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

TX-RX UNIT (X57-369X-XX)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
R44			RK73FB2A101J	CHIP R 100 J 1/10W		
R45			R92-0670-05	CHIP R 0 ΩHM		
R46			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R47			RK73FB2A473J	CHIP R 47K J 1/10W		
R48			RK73FB2A333J	CHIP R 33K J 1/10W		
R49			RK73FB2A473J	CHIP R 47K J 1/10W		
R50			RK73FB2A223J	CHIP R 22K J 1/10W		
R51			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R52			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R53			RK73FB2A334J	CHIP R 330K J 1/10W		
R54			RK73FB2A223J	CHIP R 22K J 1/10W		
R55			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R56	-58		RK73FB2A103J	CHIP R 10K J 1/10W		
R59			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R60			RK73FB2A223J	CHIP R 22K J 1/10W		
R61			RK73FB2A473J	CHIP R 47K J 1/10W		
R62			R92-0670-05	CHIP R 0 ΩHM		
R63			RK73FB2A102J	CHIP R 1.0K J 1/10W	EE2	
R63			RK73FB2A102J	CHIP R 1.0K J 1/10W	EM, E9	
R63			RK73FB2A332J	CHIP R 3.3K J 1/10W	KPXMM2	
R63			RK73FB2A332J	CHIP R 3.3K J 1/10W	M3K2P2	
R64			RK73FB2A332J	CHIP R 3.3K J 1/10W	K2P2	
R64			RK73FB2A392J	CHIP R 3.9K J 1/10W	KPMM2	
R64			RK73FB2A392J	CHIP R 3.9K J 1/10W	M3X	
R64			RK73FB2A563J	CHIP R 56K J 1/10W	EE9	
R64			RK73FB2A563J	CHIP R 56K J 1/10W	EM, E2	
R65	,66		R92-0670-05	CHIP R 0 ΩHM		
R67			RK73FB2A220J	CHIP R 22 J 1/10W		
R68			R92-0670-05	CHIP R 0 ΩHM		
R69			RK73FB2A184J	CHIP R 180K J 1/10W		
R70	,71		RK73FB2A103J	CHIP R 10K J 1/10W		
R72			R92-0670-05	CHIP R 0 ΩHM		
R73			RK73FB2A223J	CHIP R 22K J 1/10W		
R74			R92-0670-05	CHIP R 0 ΩHM		
R75	-78		RK73FB2A472J	CHIP R 4.7K J 1/10W		
R79			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R80			RK73FB2A104J	CHIP R 100K J 1/10W		
R81			RK73FB2A471J	CHIP R 470 J 1/10W		
R82			RK73FB2A220J	CHIP R 22 J 1/10W		
R84			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R85			RK73FB2A220J	CHIP R 22 J 1/10W		
R86			RK73FB2A223J	CHIP R 22K J 1/10W		
R87			RK73FB2A103J	CHIP R 10K J 1/10W		
R88	,89		RK73FB2A101J	CHIP R 100 J 1/10W		
R90			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R91			RK73FB2A470J	CHIP R 47 J 1/10W		
R92			RK73FB2A104J	CHIP R 100K J 1/10W		
R93			RK73FB2A102J	CHIP R 1.0K J 1/10W	K2P2	
R94			RK73FB2A220J	CHIP R 22 J 1/10W		
R95			RK73FB2A682J	CHIP R 6.8K J 1/10W		
R96			RK73FB2A103J	CHIP R 10K J 1/10W		
R97			R92-1215-05	CHIP R 470 J 1/2W		
R98			RK73FB2A103J	CHIP R 10K J 1/10W		
R100			R92-0670-05	CHIP R 0 ΩHM		
R102			R92-0685-05	CHIP R 22 J 1/2W		

L:Scandinavia

K:USA

P:Canada

TM-241A : (K,P,X,M,M2,M3,K2,P2)

Y:PX(Far East, Hawaii)

T:England

E:Europe

TM-241E : (E,E2,E9,EM)

Y:AAFES(Europe)

X:Australia

M:Other Areas

⚠ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

TX-RX UNIT (X57-369X-XX)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向	Re- marks 備考
R103			R92-1213-05	CARBON 100 J 1/2W		
R104, 105			RK73FB2A223J	CHIP R 22K J 1/10W		
R106			RK73FB2A274J	CHIP R 270K J 1/10W		KPXMM2
R106			RK73FB2A274J	CHIP R 270K J 1/10W		M3EE9
R106			RK73FB2A274J	CHIP R 270K J 1/10W		EM, E2
R107			R92-0670-05	CHIP R 0 ΩHM		
R108			RK73FB2A273J	CHIP R 27K J 1/10W		
R109			RK73FB2A103J	CHIP R 10K J 1/10W		
R110, 111			RK73FB2A273J	CHIP R 27K J 1/10W		
R112			RK73FB2A104J	CHIP R 100K J 1/10W		
R113			RK73FB2A683J	CHIP R 68K J 1/10W		
R114			RK73FB2A151J	CHIP R 150 J 1/10W		
R201			RK73BB2B220J	CHIP R 22 J 1/8W		
R202			R92-0685-05	CHIP R 22 J 1/2W		
R203			R92-1259-05	FIXED RESISTOR(18 ΩHM)		
R204			R92-1262-05	METAL GLAZE 4.7 J 1/2W		
R205			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R207			RK73FB2A103J	CHIP R 10K J 1/10W		
R208			RK73FB2A471J	CHIP R 470 J 1/10W		
R209			RK73FB2A561J	CHIP R 560 J 1/10W		
R210			RK73FB2A563J	CHIP R 56K J 1/10W		
R211			RK73FB2A103J	CHIP R 10K J 1/10W		
R213			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R214			RK73FB2A474J	CHIP R 470K J 1/10W		
R215			R92-0670-05	CHIP R 0 ΩHM		
R216, 217			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R218			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R219			R92-0670-05	CHIP R 0 ΩHM		
R220			R92-0670-05	CHIP R 0 ΩHM		M2M3
R222			RK73FB2A151J	CHIP R 150 J 1/10W		
R223-225			RK73FB2A473J	CHIP R 47K J 1/10W		
R226-229			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R230			RK73FB2A473J	CHIP R 47K J 1/10W		
R231, 232			RK73FB2A104J	CHIP R 100K J 1/10W		
R233			R92-0670-05	CHIP R 0 ΩHM		
R234			RK73FB2A104J	CHIP R 100K J 1/10W		
R235			RK73FB2A474J	CHIP R 470K J 1/10W		
R236, 237			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R238			RK73FB2A474J	CHIP R 470K J 1/10W		
R239			RK73FB2A473J	CHIP R 47K J 1/10W		
R240			R92-0670-05	CHIP R 0 ΩHM		
R241			RK73FB2A473J	CHIP R 47K J 1/10W		
R242			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R243			RK73FB2A474J	CHIP R 470K J 1/10W		
R244			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R245			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R246			R90-0711-05	MULTI-COMP		
R247			RK73BB2B180J	CHIP R 18 J 1/8W		
VR1			R12-5058-05	TRIM POT. 100K		
VR3			R12-3132-05	TRIM POT. 47K		
VR4, 5			R12-3126-05	TRIMMING POT.(10K)		
VR201			R05-3441-05	POTENTIOMETER(10KA)		
VR202			R05-4420-05	POTENTIOMETER(50KB)		
S201			S40-2458-05	PUSH SWITCH(POWER)		

L:Scandinavia

Y:PX(Far East, Hawaii)

Y:AAFES(Europe)

K:USA

T:England

X:Australia

P:Canada

E:Europe

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

△ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

TX-RX UNIT (X57-369X-XX)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
S202-211			S40-1086-05	TACT SWITCH		
D1			DAN235K	DIODE	KPX	
D1			DAN235K	DIODE	K2P2	
D2 -4			1SV164	DIODE		
D5 ,6			1SV164	DIODE	KPXMM2	
D5 ,6			1SV164	DIODE	M3BE9	
D5 ,6			1SV164	DIODE	EM, E2	
D5 ,6			1SV166	DIODE	K2P2	
D7			LFB01	DIODE		
D8 ,9			1SS184	DIODE		
D10			DAN235K	DIODE		
D11			1SS181	DIODE		
D12			MI407	DIODE		
D13			MI308	DIODE		
D14 ,15			1SS226	DIODE		
D16			DSA3A1	DIODE		
D202			02CZ9.1(Y)	CHIP ZENER DIODE		
D203			1SS184	DIODE		
D204			1SS181	DIODE		
D205			1SS184	DIODE		
D206			1SS184	DIODE	KPMEM2	
D206			1SS184	DIODE	XEM, E9	
D206			1SS184	DIODE	M3K2P2	
D207			1SS184	DIODE	M2M3E	
D207			1SS184	DIODE	EM, E9	
D207			1SS184	DIODE	E2K2P2	
D208			1SS184	DIODE	K2P2	
D209			MA141A	CHIP DIODE	MM2BE2	
D209			MA141A	CHIP DIODE	EM, E9	
D209			MA141A	CHIP DIODE	M3K2P2	
D210			MA141A	CHIP DIODE	EE2	
D210			MA141A	CHIP DIODE	EM, E9	
D211			MA141A	CHIP DIODE		
D212			1SS226	DIODE		
D213			LFB01	DIODE		
D214			02CZ3.9(Z)	CHIP ZENER DIODE		
D215			02CZ3.0(Z)	CHIP ZENER DIODE		
D216			B30-0852-05	LED(L0W)		
D217			1SS184	DIODE		
IC1			KCD04	HIC(FM IF)		
IC2			TA7787AF	IC(FM/AM IF/3V)	KPX	
IC2			TA7787AF	IC(FM/AM IF/3V)	K2P2	
IC3			UPC1241H	IC(AF PA)		
IC4			KCC02	HIC(BL, VOL)		
IC5			TC9174F	IC(CMOS I/O EXTENSION)		
IC6			NJM78L05UA	IC(VOLTAGE REGULATOR/ +5V)		
IC7			LA5010M	IC(LOW SATURATION REGULATOR)		
IC8			KCB05	HIC(DRIVE)		
IC9			MC7808CT	IC(VOLTAGE REGULATORS/ +8V)		
IC201			75116GF-E83-3BE	IC(CPU)	KPXMM2	
IC201			75116GF-E83-3BE	IC(CPU)	M3BE9	
IC201			75116GF-E83-3BE	IC(CPU)	EM, E2	
IC201		*	75116GF-J64-3BE	IC(CPU)	K2P2	
IC202			NJM78L06UA	IC(VOLTAGE REGULATOR/ +6V)		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

△ indicates safety critical components.

## PARTS LIST

\* New Parts

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.

**TX-RX UNIT (X57-369X-XX)  
PLL (X58-3470-00)**

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向	Re- marks 備考
Q1			3SK184(S)	FET		
Q2			DTA114YK	DIGITAL TRANSISTOR	KPX	
Q2			DTA114YK	DIGITAL TRANSISTOR	K2P2	
Q3			DTC123JK	DIGITAL TRANSISTOR	KPX	
Q3			DTC123JK	DIGITAL TRANSISTOR	K2P2	
Q4			3SK131(L)	FET		
Q5			2SC2714(Y)	TRANSISTOR		
Q6			2SK208(Y)	FET	KPX	
Q6			2SK208(Y)	FET	K2P2	
Q7			DTC143EK	DIGITAL TRANSISTOR	KPX	
Q7			DTC143EK	DIGITAL TRANSISTOR	K2P2	
Q8			2SC2712(Y)	TRANSISTOR	KPX	
Q8			2SC2712(Y)	TRANSISTOR	K2P2	
Q9			FMG2	TRANSISTOR		
Q10			2SC2712(Y)	TRANSISTOR		
Q12			2SD1757K	TRANSISTOR		
Q13 , 14			2SB1119(S)	TRANSISTOR		
Q15			DTC144WK	DIGITAL TRANSISTOR		
Q16 -18			2SC2712(Y)	TRANSISTOR		
Q19			2SD1757K	TRANSISTOR		
Q20			2SC2712(Y)	TRANSISTOR		
Q21			2SK208(Y)	FET		
Q22			2SC2714(Y)	TRANSISTOR		
Q23 , 24			DTC124EK	DIGITAL TRANSISTOR		
Q25			2SD1406(Y)	TRANSISTOR		
Q26			2SB1302(S)	TRANSISTOR		
Q27			2SC2712(Y)	TRANSISTOR		
Q28			2SJ106(GR)	FET		
Q201-204			2SA1519	TRANSISTOR		
Q205			2SD1682(R,S)	TRANSISTOR		
Q206-208			2SC2712(Y)	TRANSISTOR		
Q209, 210			DTC114EK	DIGITAL TRANSISTOR		
Q211			DTD143EK	DIGITAL TRANSISTOR		
Q212			FMG2	TRANSISTOR		
S212			W02-0388-05	ROTARY ENCODER		
			X58-3470-00	SUB UNIT(PLL)	KPXMM2	
			X58-3470-00	SUB UNIT(PLL)	M3EE9	
			X58-3470-00	SUB UNIT(PLL)	EM, E2	
		*	X58-3500-11	SUB UNIT(PLL)	K2, P2	
			X59-3130-00	MODULE UNIT(APC)		
			X59-3610-00	MODULE UNIT(MIC AMP)		
<b>PLL (X58-3470-00) : (K,P,X,M,M2,M3,E,E2,E9,EM)</b>						
C1			CC73FCH1H220J	CHIP C 22PF J		
C2			CK73FB1H102K	CHIP C 1000PF K		
C3			CC73FCH1H020C	CHIP C 2.0PF C		
C4 , 5			CK73FB1H472K	CHIP C 4700PF K		
C6			CC73FCH1H020C	CHIP C 2.0PF C		
C7 -9			CK73FB1H102K	CHIP C 1000PF K		
C10			CK73FB1H472K	CHIP C 4700PF K		
C11			CK73FB1H102K	CHIP C 1000PF K		
C51			CC73FCH1H100D	CHIP C 10PF D		
C52			CK73FB1H102K	CHIP C 1000PF K		
C53			CC73FCH1H100D	CHIP C 10PF D		

L:Scandinavia

K:USA

P:Canada

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

⚠ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PLL (X58-3470-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向	Re- marks 備考
C54 C55 C56 C101 C102,103			CK73FB1H102K CK73EB1H223K CK73FB1E393K CK73EB1H223K C92-0009-05	CHIP C 1000PF K CHIP C 0.022UF K CHIP C 0.039UF K CHIP C 0.022UF K CHIP TAN 4.7UF 10WV		
C104 C105 C106 C107 C108			CK73FB1H102K C92-0003-05 CK73EB1H223K CC73FCH1H100D CC73FCH1H220J	CHIP C 1000PF K CHIP TAN 0.47UF 25WV CHIP C 0.022UF K CHIP C 10PF D CHIP C 22PF J		
C109,110			CK73FB1H102K	CHIP C 1000PF K		
CN1 CN2 CN3			E40-0311-05 E40-0411-05 E40-5201-05  F11-1122-24	PIN CONNECTOR(3P) PIN CONNECTOR(4P) PIN CONNECTOR(7P)  SHIELDING COVER		
L1 L2 -4 L5 L51			L40-1581-80 L40-4791-19 L34-2336-05 L40-3392-81	SMALL FIXED INDUCTOR(150NH) SMALL FIXED INDUCTOR(4.7UH) COIL SMALL FIXED INDUCTOR(3.3UH)		
R1 R2 R3 R4 R5			RK73FB2A472J RK73FB2A561J RK73FB2A101J RK73FB2A121J RK73FB2A470J	CHIP R 4.7K J 1/10W CHIP R 560 J 1/10W CHIP R 100 J 1/10W CHIP R 120 J 1/10W CHIP R 47 J 1/10W		
R6 ,7 R8 R9 R10 R51			R92-0670-05 RK73FB2A101J RK73FB2A470J RK73FB2A103J RK73FB2A103J	CHIP R 0 OHM CHIP R 100 J 1/10W CHIP R 47 J 1/10W CHIP R 10K J 1/10W CHIP R 10K J 1/10W		
R52 R53 R54 R55 R101			RK73FB2A223J RK73FB2A221J RK73FB2A472J RK73FB2A473J RK73FB2A152J	CHIP R 22K J 1/10W CHIP R 220 J 1/10W CHIP R 4.7K J 1/10W CHIP R 47K J 1/10W CHIP R 1.5K J 1/10W		
R102 R103 R104 R105 R106			R92-0670-05 RK73FB2A222J R92-0670-05 RK73FB2A222J RK73FB2A392J	CHIP R 0 OHM CHIP R 2.2K J 1/10W CHIP R 0 OHM CHIP R 2.2K J 1/10W CHIP R 3.9K J 1/10W		
R107-111 R112 R113 R114			RK73FB2A473J RK73FB2A223J RK73FB2A472J R92-0670-05	CHIP R 47K J 1/10W CHIP R 22K J 1/10W CHIP R 4.7K J 1/10W CHIP R 0 OHM		
D1 ,2 IC51 Q1 Q2 Q51			1T33C M54959FP 2SC2714(Y) 2SK508NV(K52) 2SC2714(Y)	DIODE IC(FREQ SYNTHESIZER PLL) TRANSISTOR FET TRANSISTOR		
Q52 Q53 Q101,102			DTC144EK 2SC2712(Y) 2SC3324(B)	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR		

L:Scandinavia

Y:PX(Far East, Hawaii)

Y:AAFES(Europe)

K:USA

T:England

X:Australia

P:Canada

E:Europe

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

△ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PLL (X58-3500-11)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
<b>PLL (X58-3500-11) : (K2,P2)</b>						
C1			CK73FB1E223K	CHIP C 0.022UF K		
C2 ,3			CK73FB1H102K	CHIP C 1000PF K		
C4			CK73FB1E223K	CHIP C 0.022UF K		
C5			CK73FB1H471K	CHIP C 470PF K		
C6 ,7			C92-0507-05	CHIP TAN 4.7UF 6.3WV		
C8			C92-0003-05	CHIP TAN 0.47UF 25WV		
C9			CK73EB1E473K	CHIP C 0.047UF K		
C10			CC73FCH1H050C	CHIP C 5PF C		
C11 ,12			CK73FB1H102K	CHIP C 1000PF K		
C13 ,14			CK73FB1E223K	CHIP C 0.022UF K		
C15			CC73GCH1H100D	CHIP C 10PF D		
C16			CC73GCH1H220J	CHIP C 22PF J		
C101			CK73GB1E103K	CHIP C 0.010UF K		
C103,104			CK73GB1E103K	CHIP C 0.010UF K		
C105			CC73GCH1H010C	CHIP C 1PF C		
C106			CC73GCH1H220J	CHIP C 22PF J		
C107,108			CK73GB1H102K	CHIP C 1000PF K		
C109,110			CK73GB1E103K	CHIP C 0.010UF K		
C111			CC73GCH1H030C	CHIP C 3PF C		
C112,113			CK73GB1E103K	CHIP C 0.010UF K		
C114			CC73GCH1H010C	CHIP C 1PF C		
C115			CC73GCH1H220J	CHIP C 22PF J		
C116			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 COVER		
L1			L40-3391-19	SMALL FIXED INDUCTOR(3.3UH)		
L101,102			L40-4791-19	SMALL FIXED INDUCTOR(4.7UH)		
L103			L34-2331-05	COIL		
L104-106			L40-4791-19	SMALL FIXED INDUCTOR(4.7UH)		
L107			L34-2332-05	COIL		
L108			L40-4791-19	SMALL FIXED INDUCTOR(4.7UH)		
R1 -5			RK73GB1J473J	CHIP R 47K J 1/16W		
R6			RK73GB1J152J	CHIP R 1.5K J 1/16W		
R7			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R8			RK73GB1J392J	CHIP R 3.9K J 1/16W		
R9			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R10 ,11			RK73GB1J103J	CHIP R 10K J 1/16W		
R13			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R14			RK73GB1J473J	CHIP R 47K J 1/16W		
R15			RK73GB1J223J	CHIP R 22K J 1/16W		
R16			RK73GB1J103J	CHIP R 10K J 1/16W		
R17			RK73GB1J221J	CHIP R 220 J 1/16W		
R18			R92-1252-05	CHIP R 0 OHM		
R101			RK73GB1J101J	CHIP R 100 J 1/16W		
R102			RK73GB1J470J	CHIP R 47 J 1/16W		
R103			RK73GB1J101J	CHIP R 100 J 1/16W		
R104			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R105			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R106			RK73GB1J471J	CHIP R 470 J 1/16W		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

△ indicates safety critical components.

## PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

PLL (X58-3500-11)  
APC (X59-3130-00)  
MIC AMP (X59-3610-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
R107			RK73GB1J101J	CHIP R 100 J 1/16W		
R108			RK73GB1J470J	CHIP R 47 J 1/16W		
R109			RK73GB1J682J	CHIP R 6.8K J 1/16W		
R110			RK73GB1J470J	CHIP R 47 J 1/16W		
R111			RK73GB1J101J	CHIP R 100 J 1/16W		
R112			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R113			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R114			RK73GB1J471J	CHIP R 470 J 1/16W		
D101,102			1SV166	DIODE		
D103			1T33C	DIODE		
D104			1SV166	DIODE		
IC1			M54959FP	IC(FREQ SYNTHESIZER PLL)		
Q1			2SC2713(B)	TRANSISTOR Or2SC3324(B)		
Q2			2SC3324(G)	TRANSISTOR Or2SC3324(B)		
Q3			2SC2712(Y)	TRANSISTOR		
Q4			2SC2714(Y)	TRANSISTOR		
Q101			2SK508NV(K52)	FET		
Q102			DTC114EK	DIGITAL TRANSISTOR		
Q103			2SC3120	TRANSISTOR		
Q104			2SK508NV(K52)	FET		
Q105			DTC114EK	DIGITAL TRANSISTOR		
Q106			2SC3120	TRANSISTOR		
<b>APC (X59-3130-00)</b>						
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			RD41FB2B222J	CARBON 2.2K J 1/8W		
R2			RD41FB2B102J	CARBON 1K J 1/8W		
R3			RD41FB2B152J	CARBON 1.5K J 1/8W		
R4 ,5			RD41FB2B103J	CARBON 10K J 1/8W		
R6			RD41FB2B122J	CARBON 1.2K J 1/8W		
Q1 ,2			FMW1	TRANSISTOR		
Q3			2SA1162(Y)	TRANSISTOR		
<b>MIC AMP (X59-3610-00)</b>						
C1			CK73FF1E104Z	CHIP C 0.1UF Z		
C2			CK73GB1H102K	CHIP C 1000PF K		
C3			CK73FB1E333K	CHIP C 0.033UF K		
C4			CC73GCH1H270J	CHIP C 27PF J		
C5			C92-0004-05	ELECTRO 1.0UF 16WV		
C6			CK73FB1E333K	CHIP C 0.033UF K		
C7			CK73GB1H681K	CHIP C 680PF K		
C8			CK73GB1H332K	CHIP C 3300PF K		
C9			CC73GCH1H820J	CHIP C 82PF J		
C10			CC73GCH1H101J	CHIP C 100PF J		
C11			CK73GB1H102K	CHIP C 1000PF K		
			E23-0471-05	TERMINAL		
R1			RK73GB1J223J	CHIP R 22K J 1/16W		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)  
TM-241E : (E,E2,E9,EM)

⚠ indicates safety critical components.



## PARTS LIST

× New Parts

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.

MIC AMP (X59-3610-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
R2			RK73GB1J104J	CHIP R 100K J 1/16W		
R3			RK73GB1J561J	CHIP R 560 J 1/16W		
R4			RK73GB1J470J	CHIP R 47 J 1/16W		
R5			RK73GB1J561J	CHIP R 560 J 1/16W		
R6			R92-1252-05	CHIP R 0 0HM		
R7			RK73GB1J394J	CHIP R 390K J 1/16W		
R8			RK73GB1J224J	CHIP R 220K J 1/16W		
R9			RK73GB1J184J	CHIP R 180K J 1/16W		
R10			RK73GB1J333J	CHIP R 33K J 1/16W		
R11			RK73FB2A473J	CHIP R 47K J 1/10W		
R12			RK73GB1J224J	CHIP R 220K J 1/16W		
R13 -15			RK73GB1J823J	CHIP R 82K J 1/16W		
R16			R92-1252-05	CHIP R 0 0HM		
IC1			NJM4558M	IC(OP AMP X2)		
Q1			2SC4116(GR)	TRANSISTOR		

L:Scandinavia

K:USA

P:Canada

Y:PX(Far East, Hawaii)

T:England

E:Europe

Y:AAFES(Europe)

X:Australia

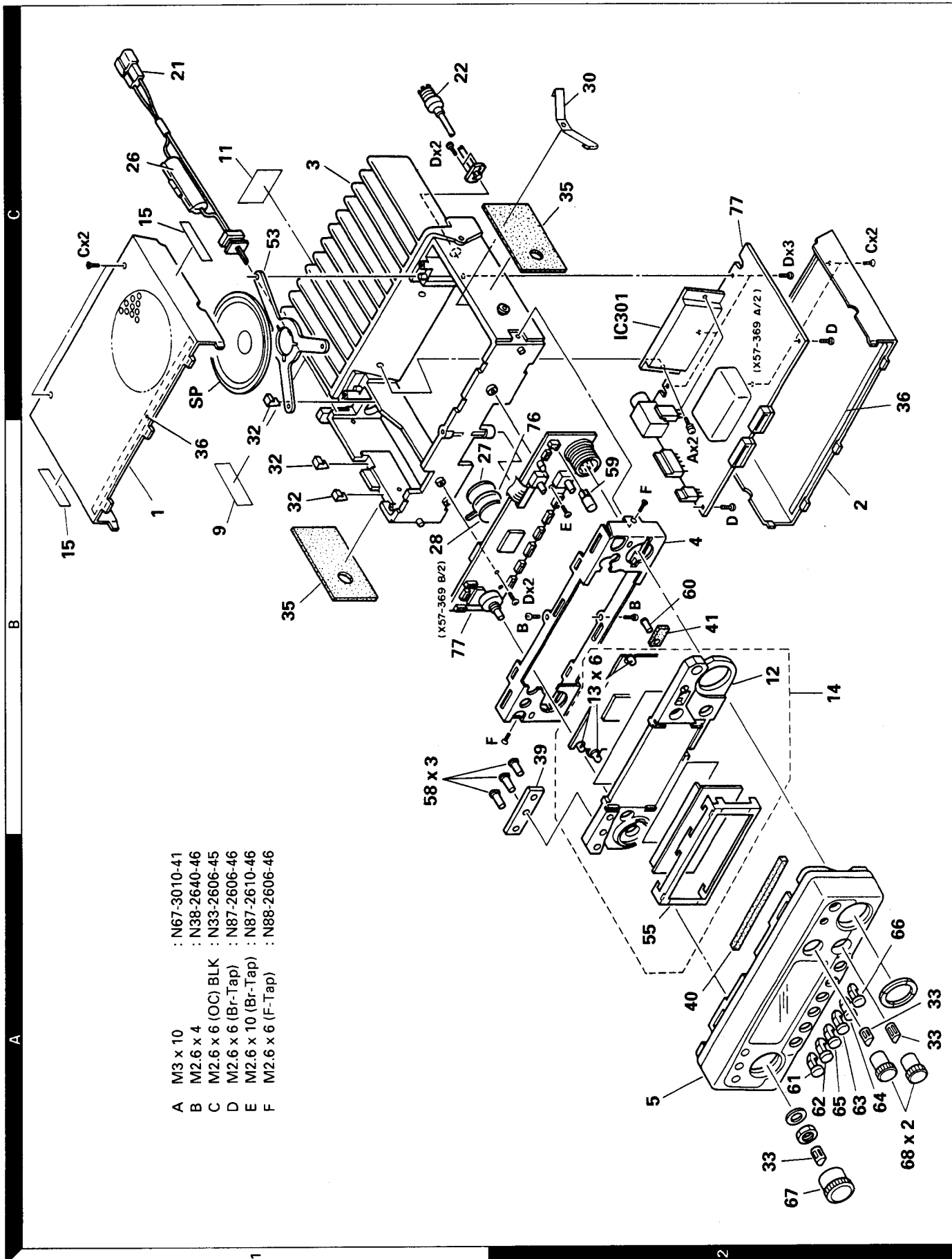
M:Other Areas

TM-241A : (K,P,X,M,M2,M3,K2,P2)

TM-241E : (E,E2,E9,EM)

⚠ indicates safety critical components.

## EXPLODED VIEW



- A M3 x 10 : N67-3010-41
- B M2.6 x 4 : N38-2640-46
- C M2.6 x 6 (OC) BLK : N33-2606-45
- D M2.6 x 6 (Br-Tap) : N87-2606-46
- E M2.6 x 10 (Br-Tap) : N87-2610-46
- F M2.6 x 6 (F-Tap) : N88-2606-46