

EXPLODED VIEW



KTC-HR300

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.

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
KTC-HR300					
8	2B		L92-0310-05	FERRITE CORE	
2	1A	*	A52-1123-02	TOP COVER	
-		*	B64-4403-00	INSTRUCTION MANUAL	
3	1A		E30-6828-05	CORD WITH PLUG (KAB)	
4	1B		E30-6847-05	CORD WITH DIN CONNECTOR (13P)	
5	1A	*	E30-6902-05	CORD WITH PLUG (ANT)	
6	1A		H30-0600-04	MAGIC TAPE	
-		*	H54-4633-03	ITEM CARTON CASE	
7	2B		J61-0307-05	WIRE BAND	
A	2A		N09-6758-05	TAPTITE SCREW	
B	3A		N83-3006-43	PAN HEAD TAPTITE SCREW	
C	1A		N86-2604-43	BINDING HEAD TAPTITE SCREW	
D	2A		N86-2608-43	BINDING HEAD TAPTITE SCREW	
DIGITAL TUNER UNIT (X15-1310-10)					
C1			CD04BJ1E331M	ELECTRO 330UF 25WV	
C2			CK73GB1H103K	CHIP C 0.010UF K	
C11			CK73GB1A474K	CHIP C 0.47UF K	
C12			CK73EB1H475K	CHIP C 4.7UF K	
C13			CK73GB1A474K	CHIP C 0.47UF K	
C14			CK73FB0J106K	CHIP C 10UF K	
C16			CC73GCH1H471J	CHIP C 470PF J	
C21			CK73GB1H104K	CHIP C 0.10UF K	
C23			CD04AS1V100M	ELECTRO 10UF 35WV	
C31			CK73FB0J106K	CHIP C 10UF K	
C33			CD04AS0J470M	ELECTRO 47UF 6.3WV	
C41			CD04AS1V100M	ELECTRO 10UF 35WV	
C44			CD04AS0J470M	ELECTRO 47UF 6.3WV	
C45			CK73GB1H104K	CHIP C 0.10UF K	
C47			CD04AS1V100M	ELECTRO 10UF 35WV	
C51			CD04AS1V100M	ELECTRO 10UF 35WV	
C54			CD04AS0J470M	ELECTRO 47UF 6.3WV	
C61 ,62			CK73GB1H103K	CHIP C 0.010UF K	
C63			CC73GCH1H221J	CHIP C 220PF J	
C71 ,72			CK73GB1H472K	CHIP C 4700PF K	
C73 ,74			CD04AT1C100M	ELECTRO 10UF 16WV	
C77 ,78			CD04AS1H4R7M	ELECTRO 4.7UF 50WV	
C85			CK73GB1H103K	CHIP C 0.010UF K	
C89			CK73FB1C105K	CHIP C 1.0UF K	
C91			CK73GB1H103K	CHIP C 0.010UF K	
C92			CK73GB1A105K	CHIP C 1.0UF K	
C93 -96			CK73GB1H103K	CHIP C 0.010UF K	
C99			CK73GB1H103K	CHIP C 0.010UF K	
C100			CK73GB1A105K	CHIP C 1.0UF K	
C120			CK73GB1H103K	CHIP C 0.010UF K	
C121			CD04AS0J470M	ELECTRO 47UF 6.3WV	
C122			CK73GB1H103K	CHIP C 0.010UF K	
C123			CD04AS0J470M	ELECTRO 47UF 6.3WV	
C124			CK73GB1H103K	CHIP C 0.010UF K	
C125			CD04AS0J470M	ELECTRO 47UF 6.3WV	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
C133			CK73GB1H103K	CHIP C 0.010UF K	
C135			CK73GB1H103K	CHIP C 0.010UF K	
C136			CD04BK1A221M	ELECTRO 220UF 10WV	
CN1			E41-2616-05	PIN ASSY	
J1			E04-0332-05	RF COAXIAL CABLE RECEPTACLE	
L11			L92-0639-05	CHIP FERRITE	
L12			L33-2453-05	SMALL FIXED INDUCTOR	
L120			L41-4795-33	SMALL FIXED INDUCTOR (4.7U)	
L123			L41-4795-33	SMALL FIXED INDUCTOR (4.7U)	
L132			L41-4795-33	SMALL FIXED INDUCTOR (4.7U)	
X1			L78-0889-05	RESONATOR	
CP90			RK74GA1J472J	CHIP-COM 4.7K J 1/16W	
R1			RK73EB2E470J	CHIP R 47 J 1/4W	
R2			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R4			RK73EB2E470J	CHIP R 47 J 1/4W	
R5 -7			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R8			RK73EB2E222J	CHIP R 2.2K J 1/4W	
R9			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R10			RK73EB2E101J	CHIP R 100 J 1/4W	
R12			RK73GB2A752J	CHIP R 7.5K J 1/10W	
R13			RK73GB2A473J	CHIP R 47K J 1/10W	
R15			RK73GH2A103D	CHIP R 10K D 1/10W	
R16 ,17			RK73GH2A333D	CHIP R 33K D 1/10W	
R18			RK73GH2A473D	CHIP R 47K D 1/10W	
R19			RK73GB2A153J	CHIP R 15K J 1/10W	
R51			RK73GB2A103J	CHIP R 10K J 1/10W	
R52 ,53			RK73GH2A203D	CHIP R 20K D 1/10W	
R54			RK73GH2A103D	CHIP R 10K D 1/10W	
R61 -63			RK73GB2A473J	CHIP R 47K J 1/10W	
R71 ,72			RK73GB2A471J	CHIP R 470 J 1/10W	
R73 ,74			RK73GB2A103J	CHIP R 10K J 1/10W	
R77			RK73GB2A103J	CHIP R 10K J 1/10W	
R79 ,80			RK73GB2A103J	CHIP R 10K J 1/10W	
R87			RK73GB2A103J	CHIP R 10K J 1/10W	
R91			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R92 -94			RK73GB2A223J	CHIP R 22K J 1/10W	
R98 ,99			RK73GB2A473J	CHIP R 47K J 1/10W	
R100			RK73GB2A223J	CHIP R 22K J 1/10W	
R101,102			RK73GB2A101J	CHIP R 100 J 1/10W	
R103			RK73GB2A223J	CHIP R 22K J 1/10W	
R110			RK73GB2A104J	CHIP R 100K J 1/10W	
R112			RK73GB2A103J	CHIP R 10K J 1/10W	
R117			RK73GB2A101J	CHIP R 100 J 1/10W	
R120-122			RK73GB2A101J	CHIP R 100 J 1/10W	
R132-135			RK73GB2A101J	CHIP R 100 J 1/10W	
S1			S79-0804-05	DIP SWITCHES	
D1			DA204U	DIODE	
D2			UDZW5.6(B)	ZENER DIODE	
D5			UDZW5.6(B)	ZENER DIODE	
D11			CMS14	DIODE	
D71 ,72			UDZW5.6(B)	ZENER DIODE	
D93			1SS355	DIODE	

K : North America

△Indicates safety critical components.

PARTS LIST

DIGITAL TUNER UNIT (X15-1310-10)

Ref. No.	Added	New	Parts No.	Description	Destination
IC1 IC11 IC21 IC31 IC41		*	W05-1504-00 LT3685EMSE S-1132B18U5T1G XC6219B122PR SI-3050KMS	MICROCON IC (78F1146AGB011) ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC	
IC45 IC51 IC61 IC62 IC71			S-1132B33U5T1G SI-3010KD TC74VHC125FT 74AHCT2G126DP NJM4580V-ZB	ANALOGUE IC ANALOGUE IC MOS-IC MOS-IC ANALOGUE IC	
IC91 Q11 Q91 Q95		*	M24256BRDW6TP DTC144EUA DTC143ZUA DTC114EUA	ROM IC DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
A1 A2		*	X86-4220-11	TUNER UNIT	
		*	X17-2050-10	PROCESSOR UNIT	
PROCESSOR UNIT (X17-2050-10)					
C101 C102 C103-109 C110 C111			CK73GB1A105K CC73GCH1H471J CK73GB1H104K CC73GCH1H050C CK73GB1H104K	CHIP C 1.0UF K CHIP C 470PF J CHIP C 0.10UF K CHIP C 5.0PF C CHIP C 0.10UF K	
C112 C113-134 C141-148 C151 C191-197			CC73GCH1H050C CK73GB1H104K CC73GCH1H270J CK73GB1H104K CK73GB1H104K	CHIP C 5.0PF C CHIP C 0.10UF K CHIP C 27PF J CHIP C 0.10UF K CHIP C 0.10UF K	
CN101 CN102		*	E41-3127-05	PIN ASSY	
		*	E41-3099-05	PIN ASSY	
L101 X101		*	L92-0178-05	CHIP FERRITE	
		*	L77-3812-05	CRYSTAL RESONATOR (28.224MHZ)	
CP101-109 R102 R104,105 R106 R107			RK74GB1J470J RK73GB2A103J RK73GB2A470J RK73GB2A101J RK73GB2A470J	CHIP-COM 47 J 1/16W CHIP R 10K J 1/10W CHIP R 47 J 1/10W CHIP R 100 J 1/10W CHIP R 47 J 1/10W	
R110-116 R121-124 R150-152 R154 R160-163			RK73GB2A470J RK73GB2A470J RK73GB2A103J RK73GB2A103J RK73GB2A000J	CHIP R 47 J 1/10W CHIP R 47 J 1/10W CHIP R 10K J 1/10W CHIP R 10K J 1/10W CHIP R 0.0 J 1/10W	
IC1 IC2 IC151 Q101		*	-	MOS-IC (CAN NOT REPLACE)	
		*	V543128164CI7	SRAM IC	
		*	EN25F801008B7 DTC114EKA	ROM IC DIGITAL TRANSISTOR	

K : North America

The IC1 in the Processor unit (X17-2050-10) are not replaceable components. When this IC are defective, replace the whole Processor unit (X17-2050-10).

⚠ Indicates safety critical components.