

ALH22933210

\*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

PAGE 1

FOR MODEL : TK-790

(TX-RX UNIT ,X57-5610-10)

----- SELECT: 1998-07-28 16:08:48

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
D1	DSA3A1-FK	DIODE, PROTECTION
D2	22ZR-10D	SURGE ABSORBER, SURGE ABSORPTION
D3	MA4PH633	DIODE, ANT SWITCH
D4	MI809	DIODE, ANT SWITCH
D5	HSM88AS	DIODE, FORWARD WAVE RECTIFICATION
D6	HSM88AS	DIODE, REFLECTED WAVE RECTIFICATION
D101	1SS355	DIODE, DC SWITCH
D102	1SV269	VARIABLE CAPACITANCE DIODE, BPF TUNING
D103	MA742	DIODE, NOISE DETCTOR
D104	1SV269	VARIABLE CAPACITANCE DIODE, BPF TUNING
D105	1SV269	VARIABLE CAPACITANCE DIODE, BPF TUNING
D106	DAN235K	DIODE, IF SWITCH
D107	DAN235K	DIODE, IF SWITCH
D108	DAN235K	DIODE, IF SWITCH
D109	DAN235K	DIODE, IF SWITCH
D201	DA204K	DIODE, TX PRE-DRIVE BIAS
D202	DA204K	DIODE, TX PRE-DRIVE BIAS
D301	1SV282	VARIABLE CAPACITANCE DIODE, FREQUENCY CON
D302	1SV282	VARIABLE CAPACITANCE DIODE, FREQUENCY CON
D303	1SV282	VARIABLE CAPACITANCE DIODE, FREQUENCY CON
D304	1SV282	VARIABLE CAPACITANCE DIODE, FREQUENCY CON
D305	1SV214	VARIABLE CAPACITANCE DIODE, MODULATOR
D306	DAN235K	DIODE, RF SWITCH
D501	02CZ18(X, Y)	ZENER DIODE, DC SWITCH
D502	1SS355	DIODE, REVERSE CURRENT PREVENTION
D503	1SS355	DIODE, SURGE ABSORPTION

D504	02CZ5.6(X,Y)	ZENER DIODE,VOLTAGE REFERENCE
D505	1SS355	DIODE,DC SWITCH
D506	1SS301	DIODE,DC SWITCH
D507	02CZ15(X,Y)	ZENER DIODE,VOLTAGE REFERENCE
D508	1SS355	DIODE,DC SWITCH
D511	1SS301	DIODE,DC SWITCH
D512	1SS355	DIODE,REVERSE CURRENT PREVENTION
D513	DA204U	DIODE,SURGE ABSORPTION
D514	DA204U	DIODE,SURGE ABSORPTION
D515	DA204U	DIODE,SURGE ABSORPTION
D516	DA204U	DIODE,SURGE ABSORPTION
D517	DA204U	DIODE,SURGE ABSORPTION
D518	DA204U	DIODE,SURGE ABSORPTION
D519	DA204U	DIODE,SURGE ABSORPTION
D520	DA204U	DIODE,SURGE ABSORPTION
D521	DA204U	DIODE,SURGE ABSORPTION
D522	DA204U	DIODE,SURGE ABSORPTION
D523	DA204U	DIODE,SURGE ABSORPTION
D524	DA204U	DIODE,SURGE ABSORPTION
D525	DA204U	DIODE,SURGE ABSORPTION
D526	DA204U	DIODE,SURGE ABSORPTION
D527	DA204U	DIODE,SURGE ABSORPTION
D528	1SS355	DIODE,REVERSE CURRENT PREVENTION
D529	1SS355	DIODE,REVERSE CURRENT PREVENTION
A101	W02-1939-05	IC,DBM
IC101	TA31136FN	IC,FM IC
IC201	BU4094BCF	IC,SHIFT REGISTER
IC202	NJM78L05UA	IC,5V AVR
IC203	AN8009M	IC,9V AVR
IC301	SA7025DK	IC,PLL IC

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FOR MODEL : TK-790

(TX-RX UNIT ,X57-5610-10)

----- SELECT: 1998-07-28 16:08:48

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
IC501	TC4013BF(N)	IC,D FF
IC502	NJM4558M	IC,LPF
IC503	TA7808S	IC,8V AVR
IC504	TC35453F	IC,COMPARATOR
IC505	NJM4558M	IC,HPF/IDC
IC506	L78LR05B-FA	IC,5V AVR
IC508	NJM4558M	IC,LIMIT/BUFFER AMP.
IC509	MC33172D	IC,BUFFER AMP.
IC510	NJM4558M	IC,SUMMING AMP/LPF
IC511	PCD3312CT	IC,DTMF ENCODER
IC512	M62364FP	IC,D/A CONVERTER
IC513	NJM4558M	IC,LPF/SUMMING AMP.
IC514	AT24C64N10SI27	IC,EEPROM
IC515	BU4066BCF	IC,ANALOG SWITCH
IC516	784214GC0228EU	IC,CPU
IC517	BU4094BCF	IC,SHIFT REGISTER
IC518	NJM4558M	IC,BUFFER AMP.
IC519	AT29C020-90TI	IC,FLASH
IC520	TC7S02F	IC,NOR GATE
IC521	NJM4558M	IC,BUFFER AMP./AMP
IC522	TDA8561Q	IC,AUDIO POWER AMP.
IC523	BU4094BCF	IC,SHIFT REGISTER
IC524	NJM4558M	IC,BUFFER AMP./DE-EMPHASIS
IC525	LC73872M	IC,DTMF DECODER
Q1	2SA1162(Y)	TRANSISTOR,DC AMP.
Q2	2SD2399	TRANSISTOR,APC CONTROLLER
Q3	2SC2712(Y)	TRANSISTOR,DC SWITCH
Q4	DTC144EUA	TRANSISTOR,DC SWITCH

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Q5	FMW1	TRANSISTOR,APC COMPARATOR
Q6	2SC2712(Y)	TRANSISTOR,DC SWITCH
Q101	2SC3357	TRANSISTOR,RF AMP.
Q102	2SC3357	TRANSISTOR,IF AMP.
Q104	2SC3357	TRANSISTOR,RF AMP.
Q105	DTA144EUA	TRANSISTOR,DC SWITCH
Q106	DTC144EUA	TRANSISTOR,DC SWITCH
Q107	2SC4215(Y)	TRANSISTOR,IF AMP.
Q108	DTC144EUA	TRANSISTOR,DC SWITCH
Q109	2SC4617(S)	TRANSISTOR,SQL AMP.
Q201	2SC3357	TRANSISTOR,TX PRE-DRIVE AMP.
Q202	2SB1132(Q,R)	TRANSISTOR,DC SWITCH
Q203	DTC114EUA	TRANSISTOR,DC SWITCH
Q204	2SC2954	TRANSISTOR,TX PRE-DRIVE AMP.
Q205	DTC114EUA	TRANSISTOR,DC SWITCH
Q206	2SB1132(Q,R)	TRANSISTOR,DC SWITCH
Q301	2SC4116(GR)	TRANSISTOR,RIPPLE FILTER
Q302	2SC4116(GR)	TRANSISTOR,RIPPLE FILTER
Q303	2SC3722K(S)	TRANSISTOR,LOOP FILTER
Q304	2SC3722K(S)	TRANSISTOR,LOOP FILTER
Q305	2SK508NV(K52)	FET,OSC
Q306	2SK508NV(K52)	FET,OSC
Q307	2SC4116(Y)	TRANSISTOR,DC SWITCH
Q308	2SC4116(Y)	TRANSISTOR,DC SWITCH
Q309	DTC114EUA	TRANSISTOR,DC SWITCH
Q310	2SC4215(Y)	TRANSISTOR,BUFFER AMP.
Q311	2SC4215(Y)	TRANSISTOR,AMP.

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FOR MODEL : TK-790

(TX-RX UNIT ,X57-5610-10)

----- SELECT: 1998-07-28 16:08:48

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
Q312	2SC3120	TRANSISTOR,AMP.
Q501	DTA114EUA	TRANSISTOR,DC SWITCH
Q502	DTC114EUA	TRANSISTOR,DC SWITCH
Q503	DTC114EUA	TRANSISTOR,DC SWITCH
Q504	DTC363EK	TRANSISTOR,DC SWITCH
Q505	DTC144EUA	TRANSISTOR,DC SWITCH
Q506	DTA114YUA	TRANSISTOR,DC SWITCH
Q507	DTC114YUA	TRANSISTOR,DC SWITCH
Q509	DTC144EUA	TRANSISTOR,DC SWITCH
Q510	DTC144EUA	TRANSISTOR,DC SWITCH
Q511	DTC144EUA	TRANSISTOR,DC SWITCH
Q512	DTC144EUA	TRANSISTOR,DC SWITCH
Q513	DTC144EUA	TRANSISTOR,DC SWITCH
Q514	DTA144TKA	TRANSISTOR,DC SWITCH
Q515	DTC114EUA	TRANSISTOR,DC SWITCH
Q516	DTA114TUA	TRANSISTOR,DC SWITCH
Q517	DTC144EUA	TRANSISTOR,DC SWITCH
Q518	DTA114EUA	TRANSISTOR,DC SWITCH
Q519	2SJ506(S)	FET,DC SWITCH
Q520	DTD114EK	TRANSISTOR,DC SWITCH
Q522	2SC4215(Y)	TRANSISTOR,BEAT SHIFT SWITCH
Q523	DTC114TU	TRANSISTOR,DC SWITCH
Q524	DTC114TU	TRANSISTOR,DC SWITCH
Q525	DTC144EUA	TRANSISTOR,DC SWITCH

## \*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

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FOR MODEL : TK-790

(FINAL UNIT ,X45-3560-10)

----- SELECT: 1998-07-28 18:42:46

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
D1	HSM88AS	DIODE, FORWARD WAVE RECTIFICATION
D2	HSM88AS	DIODE, REFLECTED WAVE RECTIFICATION
D3	1SS184	DIODE, COMBINER
D4	22ZR-10D	SURGE ABSORBER, SURGE ABSORPTION
D5	1SS193	DIODE, SURGE ABSORPTION
D6	02CZ10(X, Y)	ZENER DIODE, VOLTAGE REFERENCE
D7	SG-5L(R)	DIODE, PROTECTION
Q1	2SC2712(Y)	TRANSISTOR, DC AMP.
Q2	2SC2712(Y)	TRANSISTOR, DC SWITCH
Q3	2SD1406(Y)	TRANSISTOR, APC CONTROLLER
Q4	2SA1162(Y)	TRANSISTOR, DC AMP.
Q5	FMW1	TRANSISTOR, APC COMPARATOR
Q8	FMC2	TRANSISTOR, TX/RX SWITCH
Q9	2SD1624(S)	TRANSISTOR, TX/RX SWITCH
Q10	2SC2712(Y)	TRANSISTOR, DC SWITCH
Q11	DTC144EUA	TRANSISTOR, DC SWITCH

\*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

FOR MODEL : TK-790H

( ,Y51-4490-10)

----- SELECT: 1998-07-28 19:29:47

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
IC1	M67741H-32	IC, TX DRIVE AMP.
Q6	2SC2782	TRANSISTOR, FINAL AMP.
Q7	2SC2782	TRANSISTOR, FINAL AMP.

## \*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

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FOR MODEL : KCH-11

(DISPLAY UNIT ,X54-3200-20)

----- SELECT: 1998-07-30 13:54:54

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
D1	DA204U	DIODE,SURGE ABSORPTION
D2	DA204U	DIODE,SURGE ABSORPTION
D3	DA204U	DIODE,SURGE ABSORPTION
D4	DA204U	DIODE,SURGE ABSORPTION
D5	02CZ9.1(X,Y)	ZENER DIODE,VOLTAGE REFERENCE
D6	B30-2194-05	LED,BUSY LED
D7	B30-2193-05	LED, TX LED
D11	DA204U	DIODE,SURGE ABSORPTION
D12	DA204U	DIODE,SURGE ABSORPTION
D14	DA204U	DIODE,SURGE ABSORPTION
D15	DA204U	DIODE,SURGE ABSORPTION
D16	DA204U	DIODE,SURGE ABSORPTION
D18	1SS301	DIODE,DC SWITCH
IC1	NJM78L05UA	IC,AVR
IC2	RH5VL42C	IC,RESET IC
IC3	AT24C64N10SI27	IC,EEPROM
IC4	78P064GCJTGAK	IC,CPU
Q1	2SC2873(Y)	TRANSISTOR,LED CURRENT CONTROLLER
Q2	DTC144EU	TRANSISTOR,DC SWITCH
Q3	DTC144EU	TRANSISTOR,DC SWITCH
Q4	DTC144EU	TRANSISTOR,DC SWITCH
Q5	DTC144EU	TRANSISTOR,DC SWITCH
Q6	DTC144EU	TRANSISTOR,DC SWITCH
Q7	DTC144EU	TRANSISTOR,DC SWITCH
Q8	DTC144EU	TRANSISTOR,DC SWITCH
Q9	DTC114TU	TRANSISTOR,DC SWITCH



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Q10	DTC114TU	TRANSISTOR,DC SWITCH
ED1	B38-0801-05	LCDASSY,LCD/LCD DRIVER

## \*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

PAGE 1

FOR MODEL : KCH-10

(DISPLAY UNIT ,X54-3190-20)

----- SELECT: 1998-07-28 20:05:48

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
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D1	DA204U	DIODE,SURGE ABSORPTION
D2	DA204U	DIODE,SURGE ABSORPTION
D3	DA204U	DIODE,SURGE ABSORPTION
D4	DA204U	DIODE,SURGE ABSORPTION
D5	O2CZ9.1(X,Y)	ZENER DIODE,VOLTAGE REFERENCE
D6	B30-2140-05	LED,LCD BACK LIGHT
D7	B30-2140-05	LED,LCD BACK LIGHT
D8	B30-2140-05	LED,LCD BACK LIGHT
D9	B30-2140-05	LED,LCD BACK LIGHT
D10	B30-2140-05	LED,LCD BACK LIGHT
D11	B30-2140-05	LED,LCD BACK LIGHT
D12	B30-2194-05	LED,BUSY LED
D13	B30-2193-05	LED, TX LED
D16	DA204U	DIODE,SURGE ABSORPTION
D17	DA204U	DIODE,SURGE ABSORPTION
D19	DA204U	DIODE,SURGE ABSORPTION
D20	DA204U	DIODE,SURGE ABSORPTION
D21	DA204U	DIODE,SURGE ABSORPTION
D24	1SS301	DIODE,DC SWITCH
IC1	NJM78L05UA	IC,AVR
IC2	RH5VL42C	IC,RESET IC
IC3	AT24C64N10SI27	IC,EEPROM
IC4	78P064GCJTGA	IC,CPU/LCD DRIVER
Q1	2SC2873(Y)	TRANSISTOR,LED CURRENT CONTROLLER
Q3	DTC144EU	TRANSISTOR,DC SWITCH
Q4	DTC144EU	TRANSISTOR,DC SWITCH

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Q5	DTC144EU	TRANSISTOR,DC SWITCH
Q6	DTC144EU	TRANSISTOR,DC SWITCH
Q7	DTC144EU	TRANSISTOR,DC SWITCH
Q9	DTC144EU	TRANSISTOR,DC SWITCH
Q11	DTC144EU	TRANSISTOR,DC SWITCH
Q12	DTC114TU	TRANSISTOR,DC SWITCH
Q13	DTC114TU	TRANSISTOR,DC SWITCH

## \*\*\*\*\* SEMICONDUCTOR PARTS LIST \*\*\*\*\*

PAGE 1

FOR MODEL : KRK-6DH

(INTERFACE UNIT ,X46-3240-21)

----- SELECT: 1998-07-30 14:02:52

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
D2	1SS355	DIODE,SURGE ABSORPTION
D3	1SS355	DIODE,SURGE ABSORPTION
D4	DA204K	DIODE,SURGE ABSORPTION
IC2	BU4094BCF	IC,SHIFT REGISTER
IC4	BU4S66	IC,ANALOG SWITCH
IC5	LA4446	IC,AF AMPLIFIER
IC6	NJM4558M	IC,AF AMPLIFIER
IC7	M62363FP	IC,ELECTRONIC VOLUME
Q2	DTC114EK	TRANSISTOR,DC SWITCH
Q6	DTC114EK	TRANSISTOR,DC SWITCH
Q7	DTC363EK	TRANSISTOR,MUTING SWITCH
Q8	DTC114EK	TRANSISTOR,DC SWITCH