

***** SEMICONDUCTOR PARTS LIST *****
 FOR MODEL : TK-270G FCC ID:ALH29463120

(X57-5870-13)

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION

D1	MA2S111	DIODE,UNLOCK DETECT
D2	MA2SV05	VARIABLE CAPACITANCE DIODE,FREQUENCY CONTROL
D3	HVU131	DIODE,ANTENNA SWITCH
D4	MA2SV05	VARIABLE CAPACITANCE DIODE,FREQUENCY CONTROL
D5	HSC277	DIODE,RF SWITCH
D6	MA360	VARIABLE CAPACITANCE DIODE,DEVIATION
D7	HSC277	DIODE,ANTENNA SWITCH
D8	MA8062	ZENER DIODE,VOLTAGE PROTECTION
D9	MA2S304	VARIABLE CAPACITANCE DIODE,FREQUENCY CONTROL
D10	HSC277	DIODE,RF SWITCH
D11	MA2S304	VARIABLE CAPACITANCE DIODE,FREQUENCY CONTROL
D12	MA2S111	DIODE,SPEED UP
D13	DAN235E	DIODE,RF SWITCH
D14	DAN235E	DIODE,RF SWITCH
D15	HSC277	DIODE,SWITCH
D17	MA2S111	DIODE,REVERCE PROTECTION
D18	B30-2019-05	LED,BUSY&TX
D21	1SS373	DIODE,REVERCE PROTECTION
D22	1SR154-400	DIODE,REVERCE PROTECTION
D23	RB706F-40	DIODE,LIMITTER
D302	HVC350B	VARIABLE CAPACITANCE DIODE,BPF TUNE
D303	HVC350B	VARIABLE CAPACITANCE DIODE,BPF TUNE
D305	HVC350B	VARIABLE CAPACITANCE DIODE,BPF TUNE
IC2	MB15A02	IC,PHASE LOCKED LOOP SYSTEM
IC3	NJM2904V	IC,APC
IC4	TA31136FN	IC,IF SYSTEM
IC5	BU4094BCFV	IC,SHIFT REGISTER
IC6	BU4094BCFV	IC,SHIFT REGISTER
IC7	S-81350HG-KD	IC,VOLTAGE REGURATER
IC8	PST9140NR	IC,RESET SWITCH
IC9	RN5VL45C	IC,VOLTAG DETECT
IC10	AT2408N10S12.5	IC,EEPROM
IC11	TA7368F	IC,AUDIO POWER AMP
IC12	AT29C020-90TI	IC,FLASH ROM
IC13	30622M4102GP	IC,MICRO PROCESSOR
IC14	TC35453F	IC,BASEBAND PROCESSOR
IC15	TA75W01FU	IC,AUDIO AMP
IC16	TC75W51FU	IC,AUDIO AMP
IC17	X9C103SI	IC,DEVIATION CONTROL
IC18	LC73872M	IC,DTMF DECODER
IC19	TA75W01FU	IC,LOW PASS FILTER
IC301	UPB1509GV	IC,DIVIDER
Q1	2SC5108(Y)	TRANSISTOR,RF BUFFER AMP
Q2	2SC4226(R24)	TRANSISTOR,RF OSCILLATOR

Q3	2SC5108(Y)	TRANSISTOR,RF BUFFER AMP
Q4	2SC5108(Y)	TRANSISTOR,TX PRE-DRIVE
Q6	2SC4988	TRANSISTOR,TX DRIVE
Q7	2SJ243	FET,DC SWITCH
Q8	UMC4	TRANSISTOR,DC SWITCH
Q9	DTC144EE	TRANSISTOR,DC SWITCH
Q10	2SK508NV(K52)	TRANSISTOR,RF OSCILLATOR
Q11	2SC4617(S)	TRANSISTOR,RIPPLE FILTER
Q12	2SC4649(N,P)	TRANSISTOR,IF AMP
Q13	DTA144EE	TRANSISTOR,DC SWITCH
Q14	DTA144EE	TRANSISTOR,DC SWITCH
Q15	DTC114EE	TRANSISTOR,DC SWITCH
Q16	DTA114YE	TRANSISTOR,DC SWITCH
Q17	DTC144EE	TRANSISTOR,DC SWITCH
Q18	FP210	TRANSISTOR,DC SWITCH
Q19	3SK166A	FET,MIXER
Q20	UMG3N	TRANSISTOR,DC SWITCH
Q21	UMG3N	TRANSISTOR,DC SWITCH
Q22	2SC4619	TRANSISTOR,IF AMP
Q23	UMC4	TRANSISTOR,DC SWITCH
Q24	DTC114EE	TRANSISTOR,DC SWITCH
Q25	DTC114EE	TRANSISTOR,DC SWITCH
Q26	DTA114EE	TRANSISTOR,DC SWITCH
Q27	UPA572T	FET,DC SWITCH
Q28	DTA114YE	TRANSISTOR,DC SWITCH
Q30	2SK1588	FET,DC SWITCH
Q31	2SC4619	TRANSISTOR,DC SWITCH
Q32	2SA1362(GR)	TRANSISTOR,DC SWITCH
Q33	DTC144EE	TRANSISTOR,DC SWITCH
Q34	DTC144EE	TRANSISTOR,DC SWITCH
Q35	UPA672T	FET,DC SWITCH
Q36	2SK1824	FET,DC SWITCH
Q301	2SK1215(E)	FET,RF AMP

(X54-3250-10)

CURCUIT SYMBOL	PARTS NUMBER	DESCRIPTION
D501	MA2S111	DIODE,REVERCE PROTECTION
D502	MA2S111	DIODE,REVERCE PROTECTION
D503	MA2S111	DIODE,REVERCE PROTECTION
D504	MA2S111	DIODE,REVERCE PROTECTION
D505	1SS373	DIODE,SPEED UP
D506	B30-2210-05	LED,LAMP
D507	MA2S111	DIODE,VOLTAGE FEEDBACK
D508	B30-2171-05	LED,LAMP
D509	B30-2171-05	LED,LAMP
D510	B30-2171-05	LED,LAMP
D511	B30-2210-05	LED,LAMP
D512	B30-2171-05	LED,LAMP
D513	B30-2171-05	LED,LAMP

D514	B30-2171-05	LED,LAMP
D515	B30-2171-05	LED,LAMP
D516	B30-2171-05	LED,LAMP
IC501	LC75823W	IC,LCD DRIVER
Q501	2SB1132(Q,R)	TRANSISTOR,DC SWITCH
Q502	2SC4617(S)	TRANSISTOR,DC SWITCH

(Y50-5120-11)		
CURCUIT	PARTS NUMBER	DESCRIPTION
SYMBOL		
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IC1	PF0313-03	IC,FINAL MODULE