

2. Specifications and IC Data

2-1 Specifications

Television System:

MODEL	SYSTEM
CI	PAL-I (UHF)
CII	PAL-I (VHF/UHF)
CX	PAL-B/G, SECAM-B/G
CK	PAL-B/G, D/K, SECAM-B/G, D/K
CB	PAL-B/G
CS	PAL-B/G, D/K, SECAM-B/G, D/K, NT4.43, NT3.58

Channels:

BAND \ SYSTEM	PALSECAM -B/G,I	PALSECAM -D/K	SECAMK1, PAL-D	NTSC-M
VHF	2-12	1-13	2-9	2-13
UHF	21-69	21-69	13-57	14-69

Intermediate-Frequencies (MHz):

BAND \ SYSTEM	PALSECAM -B/G	PALSECAM -D/K, K1	PAL-I	NTSC-M
Picture IF Carrier	38.90	38.90	38.90	38.90
Sound IF Carrier	33.40	32.40	32.90	34.40
Color Sub Carrier	34.47	34.47	34.47	35.32

Picture Tube:

25 Inch	A59KPR84X	Quick start, in-line-gun, Black stripe, 90° degree deflection
29 Inch	A68KVL74X	
30 Inch	A70QBZ791X	

Power Requirements: AC100 ~ 260V, 50/60HZ or AC160 ~ 260V, 50/60HZ

Antenna Input Impedance:

VHF, UHF: Telescopic dipole antenna (75Ω unbalanced type)

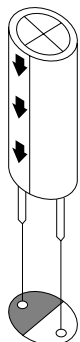
Speaker Impedance: 8Ω, 10W + 10W

2-2 IC Line Up

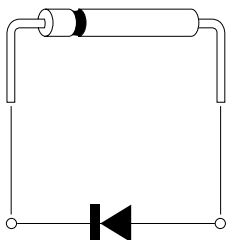
LOC NO	NO	Specification	Description	Remarks
HIC 101	1	PAP103T	IF PRE-AMP	
IC 201	2	TDA8844	PAL/SECAM/NTSC/SECAM-L	
		TDA8843	PAL/NTSC	
IC 301	3	LA7845	VERTICAL DEFLECTION AMP	
IC 501	4	TDA6108	RGB DRIVE AMP	
IC 601	5	TDA7297	SOUND AMP(10W/CH)	
		TDA7266S	SOUND AMP(5W/CH)	
IC 701	6	TDA9859	AUDIO PROCESSOR	
IC 801	7	KA3S1265R	SMPS IC(12A)	
IC 802	8	PC123Y	PHOTO COUPLER	
IC 803	9	78R05	SWITCHING REGULATOR	
IC 804	10	KA7630	SWITCHING REGULATOR(5,8V)	
IC 901	11	SZM503AT	MICOM	
IC 902	12	24C040	EEPROM	
ICE01	13	4558	EW DRIVE AMP	
ICN01	14	TDA9808	SIF DETECTOR	NICAM MODULE
ICN02	15	TDA9874H	NICAM DEMODULATOR	
ICA01	16	LA7567N	SIF DETECTOR	A2 STEREO MODULE
ICA02	17	TDA9873H	A2 DEMODULATOR	
ICM01	18	LA7566	SIF & FM DETECTOR	MONO
ICP01	19	TEA5114	VIDEO SWITCH	PIP MODULE
ICP02	20	TDA9160A	PAL/NTSC DECODER	
ICP03	21	SDA9288	PIP VIDEO PROCESS	
ICT01	22	SAA5261	TTX-DECODER	TTX MODULE
ICT02	23	24C02	EEPROM(TTX PAGE MEMORY)	

2-3 Semiconductor Base Diagrams

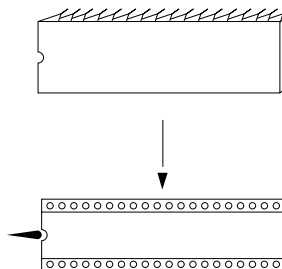
ELECTROLYTIC-CONDENSER



DIODE

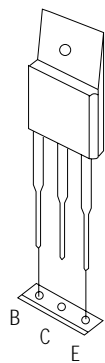


IC



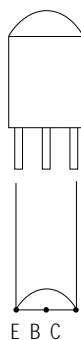
TDA4665(Pin 16)
TDA837X(Pin 56)
Z8933112PSC(Pin 42)
X24CO4P(Pin 8)
TDA8395(Pin 16)
TDA4665(Pin 16)

TRANSISTOR



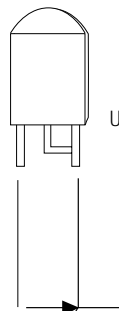
2SD1651
2SD1650
KSD5072
KSD5071
KSD1711

TRANSISTOR



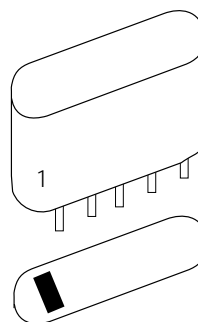
KSA815-Y
KSA539-Y

IC



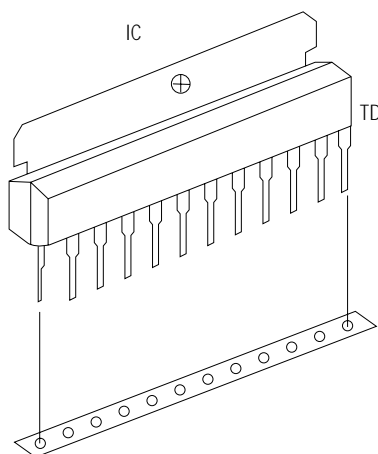
UPC574J
or
KA33V

SAW-FILTER



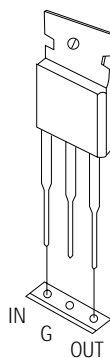
G1962
K2950M
K9253M

IC



TDA8133

TRANSISTOR



KA7812

TRANSISTOR



KSR1012
KSR1010
KSR2010

Fig. 2-1 Semiconductor Base Diagrams