

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
CW	PAL-B/G, D/K, SECAM-B/G, D/K, NT 4.43
CS	PAL-B/G, D/K, SECAM-B/G, D/K, NT4.43, NT3.58

Channels:

System Band	PAL/SECAM-B/G,I	PAL, SECAM- D/K	SECAM-K1, 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) :

SYSTEM IF Carrier Frequency	PAL/ SECAM- B/G	PAL/SECAM-D/K, SECAM-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:

14 Inch	A34KQV42X	Quick start, in-line-gun, Black stripe, 90°degree deflection
20 Inch	A48KRD82X(H)	
21 Inch	A51KQJ63X	

Power Requirements:

AC 100~260V, 50/60Hz

Antenna Input Impedance:

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

Speaker Impedance

8 ohm, 5W+5W (Dual Type)
16 ohm, 3W (Monitor Type & Dual Type)

2-2 IC Line Up

Table 2-1 IC Line-Up			
Loc. No	Specification	Description	Remark
HC101	PAP103	IF PRE-AMP	
IC201	TDA8842 TDA8841	PAL/SECAM-B/G, D/K, NTSC PAL-B/G, D/K, NTSC	Philips
IC301	TDA8356	VERTICAL OUTPUT	
IC501	TDA6107Q	RGB DRIVE AMP	
IC601	TDA7056B	SOUND-AMP (3W x 1CH or 3W x 2CH)	
IC602	TDA7057AQ	SOUND-AMP (5W x 2CH)	Dual Type
IC801	KA3S0680RF	POWER IC (STR)	
IC802	KA7630	CUSTOM REGULATOR (5V, 8V)	
IC901	SZM173EA	W/O TTX, English/French/Arabian	Zilog (Non TTX)
	SZM173AR	W/O TTX, English/Arabian	
	SZM173EV	W/O TTX, English/Vietnamese/Indonesian/Malay	
	SZM173EC	W/O TTX, English/Chinese	
	SZM173ET	W/O TTX, English/Thai	
	SZM173EW	W/O TTX, English/German/French/Dutch/Italian/Spanish, Swedish/Yugo/Greek/Croatian	
	SZM173EE	W/O TTX, English/Romanian/Hungarian/Polish/Czech/Bulgarian	Philips (TTX)
	SZM173ER	W/O TTX, English/Russian	
	SPM175EE	TTX, West : English/German/French/Dutch/Italian/Spanish/Swedish East : English/Czech/Croatian/Romanian/Hungarian/Polish	
	SPM175E	TTX, English/French/Swiss	
	SPM175ER	TTX, English/Russian/Bulgarian	
	SPM175EP	TTX, English/Iranian	
	SPM175EA	TTX, English/French/Arabian	
SPM175EG	TTX, English/Greek/Yugo		
IC902	24C04/KS24C040	EEPROM	
PC801	TCET1108 / LTV817B	PHOTO COUPLER	

2-3 Semiconductor Base Diagrams

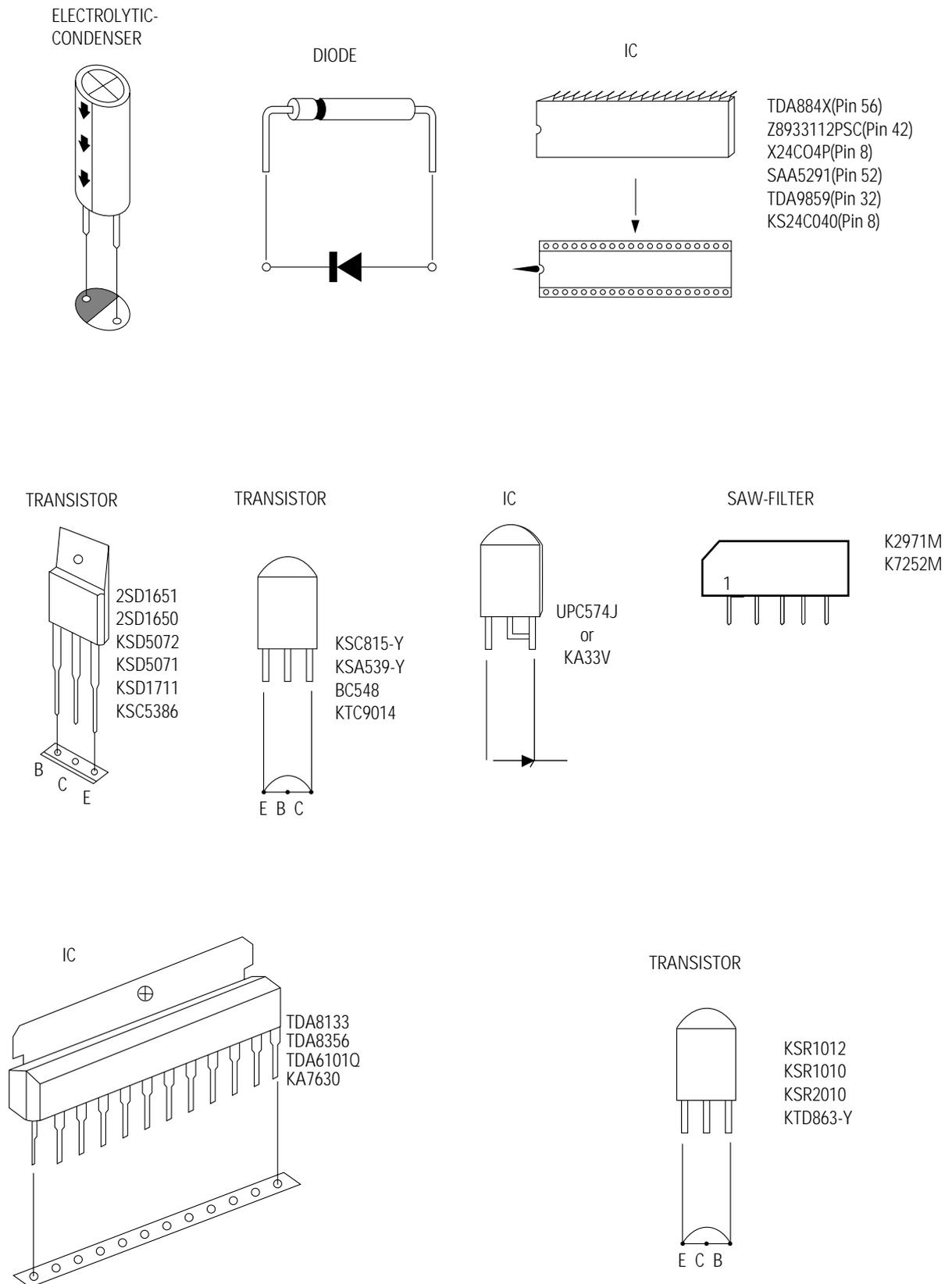


Fig. 2-1 Semiconductor Base Diagrams

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