

## 2. Reference Information

### 2-1 Tables of Abbreviations and Acronyms

**Table 2-1 Abbreviations**

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
°C	Degree Celsius	μF	Microfarad
°F	Degree Fahrenheit	μH	Microhenry
°K	degree Kelvin	μm	Micrometer
F	Farad	μs	Microsecond
G	Gauss	μW	Microwatt
GHz	Gigahertz	mA	Milliampere
g	Gram	mg	Milligram
H	Henry	mH	Millihenry
Hz	Hertz	ml	Milliliter
h	Hour	mm	Millimeter
ips	Inches Per Second	ms	Millisecond
kWh	Kilowatt-hour	mV	Millivolt
kg	Kilogram	nF	Nanofarad
kHz	Kilohertz	Ω	Ohm
kΩ	Kilohm	pF	Picofarad
km	Kilometer	lb	Pound
km/h	Kilometer Per Hour	rpm	Revolutions Per Minute
kV	Kilovolt	rps	Revolutions Per Second
kVA	Kilovolt-ampere	s	Second (Time)
kW	Kilowatt	V	Volt
l	Liter	VA	Volt-ampere
MHz	Megahertz	W	Watt
		Wh	Watt-hour

**Table 2-2 Table of Acronyms**

ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

## 2-2 IC Line Up

Block	Des-Loc	Part-Number	IC Name	Description
MAIN	IC901	AA09-00041A	SDA555X-OTP	IC-MCU
	HIC401	AA13-00094A	DDR1001A	IC HYBRID
	TU02S	AA40-00041A	TCPN3081PC09C(S)	TUNER-F/S
	IC06	1203-002000	DETECTOR;7027	IC-VOL
	IC805	1203-001006	78R05)	IC-VOLTAGE REGULATOR
	HC401	0502-001230	FJL6920YDTU)	TR-POWER
	D801S	0402-001399	GSIB660	DIODE-BREDGE
	HC801	1230-001006	78R05	IC-VOLTAGE REGULATOR
	IC602	1201-001385	7269A	IC-POWER AMP
	IC801S	1203-002512	KA5Q1565RF	IC-PWM CONTROLLER
	IC301	1204-000517	LA7845	IC-VERTICAL DEF
	IC902	1103-001177	24WC16	IC-EEPROM
	IC401	1202-000103	393, DIP, 8P	IC-VOLTAGE COMP
	IC803	1203-001225	78R09	IC-POSI.FIXED REG
	IC601	1204-001970	MSP3421G0P0-8	IC-SOUND PROCESSOR
	TU01S	AA40-00020A	TCLN3181PA09A(S)	TUNER-F/S
	IC402	1203-000243	7812A	IC-POSI.FIXED REG
	IC804	1203-001217	431	IC-POSI.ADJUST REG
	IC904	1203-001943	7025	IC-VOL DETECTOR
	IC202	1203-001944	78RM33	IC-POSI.FIXED REG
	Q402	0505-001116	BUZ73A	FET-SILICON
	IC903	1203-001944	78RM33	IC-POSI.FIXED REG
F-BOX	IC06	1203-002000	7027	IC-VOL DETECTOR
	IC11	0801-000662	74HC123	IC-CMOS LIGIC
	IC03	1001-001082	BA7657F	IC-VIDEO SWITCH
	IC10	1001-001177	TEA6425D	IC-VIDEO SWITCH
	IC08	1203-001419	4931	IC-VOLTAGE REGULATOR
	IC05	1203-002186	18, DPAK	IC-POSI.FIXED REG

Block	Des-Loc	Part-Number	IC Name	Description
<b>F-BOX</b>	IC07	1203-002351	LF25C	IC-VOLTAGE REGULATOR
	IC02	1204-001814	CXA2151Q	IC-SELECTOR
	IC09	1204-001935	UPD64083GF	IC-SEPARATOR
	IC01	1204-001938	VSP9407B-B11	IC-DECODER
	IC04	1204-001989	CXA2165Q	IC-VIDEO PROCESS
<b>29"34" CRT</b>	QF10	0502-000153	SC2344-D	TR-POWER
	QF09	0502-000131	2SA1011-D	TR-POWER;
	IC501	1201-001131	6111Q	IC-VIDEO AMP
	IC502	1201-001131	6111Q	IC-VIDEO AMP
	IC503	1201-001131	6111Q	IC-VIDEO AMP
	IC504	1201-000010	2030	IC-OP AMP
<b>32" CRT</b>	IC505	1203-000165	78R12	IC -POS1.ADJUST REG
	QF10	0502-000153	2SC2344-D	TR-POWER
	QF09	0502-000131	2SCA1011-D	TR-POWER
	IC501	1201-001588	6120Q	IC-VIDEO AMP
	IC502	1201-001588	6120Q	IC-VIDEO AMP
	IC503	1201-001588	6120Q	IC-VIDEO AMP
	IC504	1201-000010	2030	IC-OP AMP