

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 2-1 Abbreviations

| | | | |
|-------|---|--------|---|
| 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

| Table 2 - 2 IC Line - Up | | | |
|--------------------------|---------------|-------------|-----------------------------------|
| BLOCK | SPECIFICATION | MAKER | FUNCTION |
| MAIN | TDA9810T | PHILLIPS | VIF (QSS-IF&AM) |
| | TDA7265 | SGS-THOMSON | STEREO AMP (25W) |
| | PCF8574P | PHILIPS | FAN, LEVER S/W, THERMO S/W DETECT |
| | SAA1300 | PHILIPS | LED CONTROL, LAMP ON/OFF |
| AV-TERMINAL | TDA6920X | SIEMENS | 7*5 VIDEO S/W |
| | TEA5114A | SGS-THOMSON | VIDEO S/W |
| | TL062CDT | T.I | OP AMP |
| SOUND | MSP3410D | ITT | SOUND PROCESSOR |
| | DPL3519A | ITT | DOLBY PRO LOGIC |
| | TL062CDT | T.I | OP AMP |
| | 74HC4052 | PHILIPS | ANALOG-MULTIPLEXER |
| | SDA30C264 | SIEMENS | 8-BIT MICRO CONTROLLER |
| MICOM | ST24W16 | SGS-THOMSON | EEPROM (2K*8) |
| | TMS27C040 | T.I | PROGRAMMABLE ROM |
| | SDA5273P | SIEMENS | MEGATEXT |
| | KM44C1004D | SEC | DRAM (1M*4BIT) |
| | HD74HC123P | HITACHI | MULTIVIBRATOR |
| LCD-CONTROL | 74HC04D | PHILIPS | CMOS-LOGIC |
| | TDA4780 | PHILIPS | RGB CONTROL |
| | TDA8444 | PHILIPS | DAC |
| | CXA1853Q | SONY | RGB DRIVER |
| | CXA2504N | SONY | SAMPLE/HOLD DRIVER |
| | CXD2443Q | SONY | TIMING GENERATOR |
| | CIP3215A | ITT | COMPONENT INTERFACE PROCESSOR |
| FEATURE-BOX | VPC3210A | ITT | VIDEO PROCESSOR |
| | TL7705AC | T.I | POWER-ON RESET GENERATOR |
| | SDA9280 | SIEMENS | DISPLAY PROCESSOR |
| | SDA9272 | SIEMENS | VIDEO INTERPOLATION PROCESSOR |
| | SDA9253 | SIEMENS | DRAM |
| | 74F125 | PHILIPS | BUFFER |
| | 74F541 | PHILIPS | BUFFER |

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