

Circuit Protection

Fusible Device	Circuit Protected	Physical Location
F14200 (FUSFASTACT 6.0 A, 125.0 V)	AC Input	Power Supply PCB, Left rear chassis

COMPONENT NUMBERING SYSTEM

Serviceability of this chassis is enhanced by prominent road mapping on the top and bottom of the circuit boards. The component numbering system relates to general circuit areas as follows:

11300 Series - Audio Outputs	17100 Series - 2nd Tuner
11400 Series - Audio Input Switch	17300 Series - 2nd Tuner
11500 Series - Audio Compression	17400 Series - 2nd Tuner, PLL
11700 Series - SRS Audio	18100 Series - F2PIP
11800 Series - Audio TVB	18500 Series - Video I/O
11900 Series - Audio Power Amps, AVR	22300 Series - Video Control
13100 Series - System Control	22400 Series - Digital Interface
13200 Series - I/O Control	24100 Series - Deflection SIP
13400 Series - User Controls (Front Panel Assembly)	24300 Series - Parallelogram
14100 Series - Main Power Supply (Regulator)	24400 Series - Diode Modulator
14200 Series - Raw B+	24800 Series - Deflection SIP
14300 Series - Deflection SIP	26100 Series - FAV
14400 Series - S-Cap Switch	26400 Series - Gemstar
14500 Series - Vertical	27900 Series - 2nd Tuner IF
14600 Series - Standby Power Supply	32100 Series - 2nd Tuner IF Out
14700 Series - Horizontal, HV	32200 Series - Deinterlace A/D
14800 Series - Scan	32500 Series - Deinterlace D/A
15100 Series - Kine Drivers	38300 Series - Sync Processing
15200 Series - SVM	41100 Series - Fan Shutdown
16300 Series - Frame Comb	41200 Series - Z-Coil Circuit

SCHEMATIC NOTES

- Resistor values are in ohms (K = X1,000; Meg = X1,000,000). Tolerance is 5%, unless otherwise specified.
 [] indicates a flat (type 1206) surface-mounted device; 1/8 watt unless otherwise specified.
 /\ indicates a flat (type 0805) surface-mounted device; 1/10 watt unless otherwise specified.
 (no markings) indicates 1/4 watt, 5% tolerance axial-leaded device, unless otherwise specified.
- Capacitor values 1.0 and above are in picofarads; values less than 1.0 are in μF , unless otherwise specified.
 •• indicates a cylindrical surface mounted device; 50 volt unless otherwise specified.
 [] indicates a flat (type 1206) surface-mounted device; 50 volt unless otherwise specified.
 /\ indicates a flat (type 0805) surface-mounted device; 50 volt unless otherwise specified.
 (no markings) indicates a radial- or axial-leaded device; 50 volt unless otherwise specified.
- DC voltages measured with NTSC color bar signal applied (via RF channel 3), except for audio voltages, which are measured with MTS stereo 1KHz signal applied. Voltages in parentheses () indicate standby mode.
- Waveforms measured with NTSC color bar signal applied (via RF channel 3), except for audio waveforms, which are measured with MTS stereo 1KHz signal applied.
- Special symbols:

<p><> indicates schematic zone locator</p> <p>■ indicates wire-wrap stake</p> <p>↶ indicates jumper wire (top side)</p> <p>▽ indicates "hot" ground</p>	<p>⤴ indicates service test point</p> <p>⊙ indicates connection via point-to-point wire</p> <p>□◻ indicates zero ohm chip (bottom side)</p> <p>⏏ indicates "cold" ground</p>
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