

CONSUMER AND AUTOMOTIVE APPLICATIONS (continued)

T.V., Monitor, Hifi & Radio (continued)

Function	Features	Case	Type
IF Amplifier	Power gain, wide age range, 12V single polarity power supply.	626	MC1350

Deflection

Function	Features	Case	Type
Horizontal & Vertical Processor	Includes sync, Separator, horizontal PLL's vertical countdown and vertical ramp generator and driver (625 lines).	738	MC13013A
	Same as above, except for 525 lines.	738	MC13012A
Horizontal & Vertical Processor	Includes SYNC Separator, Pulse Regulator, phase Detector, vertical Integrator and Oscillator, FBK Buffer and blanking Gate.	648	MC13015*

* To be introduced

Sound

Function	Features	Case	Type
Sound IF, Low Pass dc Volume Control, Preamplifier	Complete TV sound system; 100uV, 3DB limiting.	648C	TDA3190P
Stereo Sound Control System	Stereo balance, volume, bass, treble control. Low component count. Supply Voltage 8.5-18V.	707	TCA5550

TV Tuning & Control Circuits

Function	Features	Case	Type
Synthesizer Amplifier & Driver in Bipolar I ² L Technology	Direct tuner driver from 4 Band drivers. 60mA band driver capability. Direct control of the tuner's varicap diode.	648	UAA2001
16-Segment Led Driver	Led brightness control voltage. Current source segment driver output (so no external resistor for segment currents). No multiplexing (no RFI). Reliable data transfer from microprocessor Cascadable.	724	UAA2022
IR Remote Control Amplifier Detector	High gain pre-amp. Enveloped detector. Simple interface to microcomputer. Remote control decoder.	626	MC3373

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Power Supply Control

Function	Features	Case	Type
Flyback Converter Regulator Control Circuit	Wide operational range, high-voltage stability, direct control of switching transistors, low start-up current, reverse linear overload characteristic curve.	SIP9	TDA4601

FM Stereo Decoders

Function	Channel Separation dB TYP	TDH % TYP	STEREO Indicator	Features	Case	Type
FM Multiplex Stereo Decoder	40	0.3	75	Coiless operation	646	MC1310
FM Multiplex Stereo Decoder	47	0.1	50	6 Volt Operation	646	MC 1309
FM Multiplex Stereo Decoder	45	0.2	100	Variable blend	648	TCA4500A