

Consumer devices

TELEVISION CIRCUITS

SOUND

Type	Function	Features	Case
MC1351P	Sound IF, Limiter, Detector, Audio Preamp.	80 μ V, 3 dB Limiting. 3,5 Vrms Output. 65 dB gain.	646 14 pin plastic DIL
TBA120C	Sound IF, Limiter, Detector	30 μ V, 3 dB Limiting at 5,5 MHz, 1 Vrms Output, AM rejection 45 dB min. Improved DC volume control.	646 14 pin plastic DIL
TBA120D	Sound IF, Limiter, Detector	Same as TBA120C but pin compatible with TBA120.	646 14 pin plastic DIL

VIDEO

MC1330P	3rd IF and VIDEO DETECTOR	34 dB conversion gain, 7,7 Vpp video output. Low harmonic generation.	626 8 pin plastic DIL
MC1349P	1st and 2nd Video If amp.	60 dB gain at 45 MHz. 80 dB AGC.	626 8 pin plastic DIL
MC1352P	1st and 2nd video if, AGC Keyer	52 dB gain at 45 MHz. 65 dB min AGC. Foreward AGC for Tuner	646 14 pin plastic DIL

CHROMA

MC1327P	Dual chroma demodulator	Dual doubly balanced demodulator with RGB output matrix and PAL switch.	646 14 pin plastic DIL
TBA396	Luminance and chrominance PAL control	DC control of brightness, contrast and saturation. Beam current limiting. Black level clamping.	646 14 pin plastic DIL
TDA3950	PAL chroma processing system	Internal supply stabilization. 30 dB ACC range. \pm 400 MHz min oscill. pull-in. 2 Vpp output.	646 14 pin plastic DIL

RADIO CIRCUITS

IF AMPLIFIERS

Type	Function	Features	Case
MC1355P	Limiting FM-IF amplifier	60 dB AM rejection. 8-18V supply voltage	646 14 pin plastic DIL
TBA120C	FM IF Amplifier, Limiter and detector.	40 μ V, 3 dB limiting at 10,7 MHz, 1 Vrms output. AM rejection 40 dB min. Improved volume control.	646 14 pin plastic DIL
TBA120D	FM IF Amplifier, limiter and detector.	Same as TBA120C but pin compatible with TBA120.	646 14 pin plastic DIL.

DECODERS

MC1310P	FM multiplex stereo decoder	40 dB channel separation. 0,3% distortion.	646 14 pin plastic DIL
TCA4500	FM multiplex stereo decoder	6 dB gain. 8,5-16 V supply. 0,1% distortion. Low output impedance. 40 dB rejection of 114 KHz. No inductors needed. 47 dB channel separation.	648
MC1312P	Four channel SQ* decoder	45 dB channel separation. 0,1% distortion.	
MC1314P	Four channel SQ* gain and balance control	Master volume control. LF/RF, LB/RB, F/B balance control.	

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