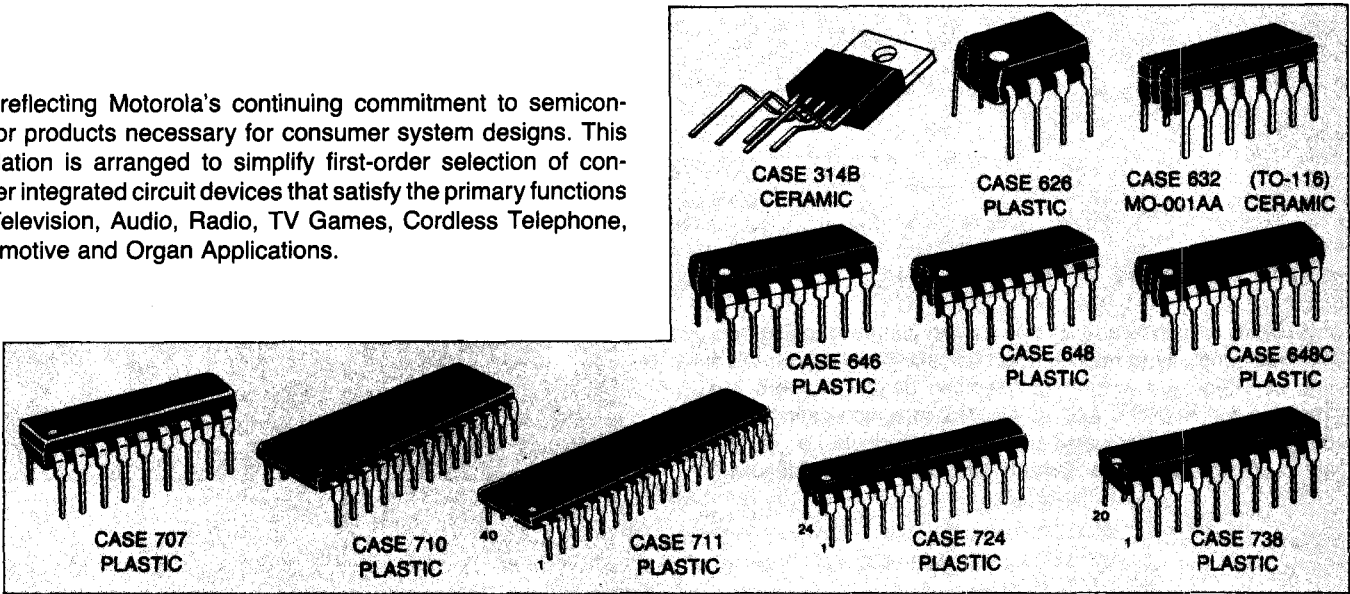


Consumer and Automotive Circuits

... reflecting Motorola's continuing commitment to semiconductor products necessary for consumer system designs. This tabulation is arranged to simplify first-order selection of consumer integrated circuit devices that satisfy the primary functions for Television, Audio, Radio, TV Games, Cordless Telephone, Automotive and Organ Applications.



T.V., Monitor, Hifi & Radio

Television Subsystems

Function	Features	Case	Type
Monomax One Chip TV	Include video IF, detector, AGC, video amplifier, horizontal processor, vertical processor, and sync for 625 lines systems.	710-02	MC13002X
	Same as MC13002, but reverse AGC	710-02	MC13009X
Sound IF, Low Pass Filter, Detector, dc Volume Control, Preamplifier Power amplifier	Complete TV sound system; 100 μ V, dB limiting sensitivity, 4 Watts output; V _{cc} = 24V; R _L = 16	648C	TDA3190P

Chroma

Function	Features	Case	Type
PAL, NTSC Decoder	Full multi-standard capability, on screen display (with fast blanking), three DC high impedance user controls, automatic black level set-up, beam current limiting. Low dissipation (typically 600mW)	711	TDA3300B
Secam Adaptor	Expands TDA3300B to SECAM, on-chip NTSC hue control, electronic on-chip Pal-Secam switching. Low dissipation (typically 400mW)	710	TDA3030B
PAL, NTSC Decoder	Full multi-standard capability, on chip contrast, brightness and saturation controls, automatic black level set-up, on-chip NTSC hue control, low dissipation (typically 600mW). No oscillator adjustment.	711	TDA3301,B
PAL, NTSC, Decoder	Same as TDA3301, but with different user control lows.	711	TDA3303
Chroma Decoder with RGB outputs.	Decodes PAL-NTSC. On-chip NTSC hue control. Burst gating either from standard sandcastle or on-chip generated from flyback pulse. No oscillator adjustment. Interfaces with TDA3030B.	724	TDA3330
Colour difference Decoder with R-Y & B-Y outputs.	Decodes PAL-NTSC On-chips NTSC hue control. No oscillator adjustment. Interfaces with TDA3030B	701	TDA3333