

2. VIDEO APPLICATION

1.1 TV Application

Applecation	Type	Package	Circuit Function
SIF System	KA2101	14DIP	IF amp, IF limiter, IF detector
Sound System	KA2102A	14DIP H/S	KA2101 +2.4W audio power amp
Sound Muting	KA2103L	9SIP	Hori. sync detector, Integrator, Comparater, voltage controller
Auto Power Off + Sound Muting	KA2104	9SIP	ka2103 + auto power off control
VIF + SIF + Deflection	KA2912	14DIP H/S	VIF amp, Limiter, Video detector, Video amp, IF AGC, Forward RF AGC, Noise canceller
	KA2915	28DIP	VIF amp, Limiter, Video detector, Video AFT, IF AGC, Forward RF AGC, SIF amp, SIF LIMITER, SIF detector, Sync separator, Hori OSC/driver/afc, osc/pre-driver
NTSC Chroma + Deflection + Video System	KA2153	42DIP	ACC. amp. /detector, Killer detector, Phase detector, CW OSC, Demodulator, Sawtooth gen, APC, X-ray protection, Hori OSC/drive, Vert OSC/amp, Reverse amp
PAL/NTSC 1Chip System	*KA2161	54 DIP-SH	VIP amp, video detector, AGC, AFT, SIF detector, ATT, AF amp, video amp, DL amp, chroma demodulator, APC, Matrix, ACC, Sync separator, H-out, AFC 32f _M VCO, Vert out, 50/60Hz, X-ray
Vertical System	KA2130A	10DIP H/S	Vert OSC/driver/output, Sawtooth generator
Vertical Output	KA2131	10SIP H/S	Driver, Output, Flyback generator, Pulse shaper
Horizontal System	KA2135	12SIP	Polarity SW, AFC, Hori OSC/preamp, Pulse width adj. X-ray protector
Deflection System	KA2133	16DIP H/S	Vert OSC/driver/output, Sawtooth generator, Hori OSC/pre-driver, AFC
	KA2134	18DIP	Sync separator, Noise detector, Hori/OSC/buffer, AFC, vert OSC/driver/amp, Ramp generator, X-ray protector
	KA2138	20DIP	Vert OSC, Ramp generator, Smpling type, DC voltage control, Horiz OSC, AFC X-ray protector, Horiz phase shifter, Horiz pulse duty setting
DC Volum & Tone Control	KA2107	12SIP	Tone control, Balance control, Volume control, Output amp
Synce Separator	KA2606	9SIP	Phase Inverter, Hori sync separator, Hori synce compensation, Composite sync separator, Vertical filter, Horizontal filter

* New Product

** Under Development