

2. VIDEO APPLICATION

A. TV Only

Application	Device	Package	Circuit Function
SIF System	KA2101	14 DIP	IF amp, IF limiter, IF detector
SIF Subsystem for MPX	KA2105	9 SIP	IF amp, IF limiter, IF detector
Sound System	KA2102A	14 DIP H/S	KA2101 + 2.4W audio power amp
Sound Muting	KA2103L	9 SIP	Hori. sync detector, Integrator, Comparater, Voltage controller
Auto Power Off + Sound Muting	KA2104	9 SIP	KA2103 + auto power off control
VIF System	KA2911	16 DIP	VIF amp, Limiter, Video detector, Video amp, Noise invert, AGC detector, IF AGC, AFT, Reverse RF AGC
	KA2916	16 DIP	Forward RF AGC version of KA2911
	KA2912	14 DIP H/S	VIF amp, Limiter, Video detector, Video amp, IF AGC, Forward RF AGC, Noise canceller
VIF + SIF + Deflection	KA2915	28 DIP	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	42 DIP	ACC amp./detector, Killer detector, Phase detector, CW OSC, Demodulator, Sawtooth gen, APC, X-ray protection, Hori OSC/drive, Vert OSC/amp, Reverse amp
NTSC 1 Chip System	††KA2160	56 DIP-SH	VIF amp, PLL video detector, AGC, AFT, SIF detector, Video amp, Clamp, Black detector, Delay line, DC contour, Chroma demodulator, APC, Matrix, ACC, Tint, Sync separator, H-out, AFC, X-ray 32f _H , VCO, Vert. Out, OSD interface
PAL Chroma + Deflection + Video System	KA2154	42 DIP	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 1 Chip System	††KA2161	54 DIP-SH	VIF 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 _H , VCO, Vert. out, 50/60Hz, X-ray
Vertical System	KA2130A	10 DIP H/S	Vert OSC/driver/output, Sawtooth generator
Vertical Output	KA2131	10 SIP H/S	Driver, Output, Flyback generator, Pulse shaper
Horizontal System	KA2135	12 SIP	Polarity SW, AFC, Hori OSC/preamp, Pulse width adj, X-ray protector
Deflection System	KA2133	16 DIP H/S	Vert OSC/driver/output, Sawtooth generator, Hori OSC/pre-driver, AFC
	KA2134	18 DIP	Sync separator, Noise detector, Hori/OSC/buffer, AFC, Vert OSC/driver/amp, Ramp generator, X-ray protector
	KA2138	20 DIP	Vert OSC, Ramp generator, Sampling type, DC voltage control, Horiz OSC, AFC X-ray protector, Horiz phase shifter, Horiz pulse duty setting
DC Volume & Tone Control	KA2107	12 SIP	Tone control, Balance control, Volume control, Output amp
Sync Separator	KA2606	9 SIP	Phase Inverter, Hori sync separator, Hori sync compensation, Composite sync separator, Vertical filter, Horizontal filter

* New Product †† Under Development

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