

1.3 General Purpose for Video

Application		Type	Package	Circuit Function
PLL+Prescaler	NTSC	KA2185	20 DIP	Pre-amplifier 1/8, 1/32, 1/33 prescaler counter, OSC, PLL, Shift register
Remocon	Tx	KS5803A	16 DIP	Key in/output, Driver, Output control, OSC, Data register, Controller
		KS5803B	20 SOP	
		KS5410	20 SOP	
	Rx Pre-Amp	KA2181	8 SIP	Oscillator, Key input, data code generator, Timing generator, Strobe signal generator, REM-out
		KA2183	8 SIP	ALC, Input separation stage, Output gain control, Low voltage use amp
		KA2184	8 SIP/8 SOOP	ALC, Limit amp, BPF, Detector, Hysteresis comparator
		**KA2193	8 SOIP	ALC, Limit amp, BPF detector, Hysteresis Comparator (A Minimum number of parts is required)
Character Generator		KS5512	32 SOP	Sync separator & OSC, character memory & ROM, Data/address SW, Video output, NTSC/PAL = 8 colors each
		*KS5513	32 SDIP	Character generator + Sync detector
Sound MPX	Two Carrier System in Korea	KA2268	28 DIP	SIF amp, IF limiter, IF decoder, LED driver, Mode SW, Matrix, VCO
		KA22682	28 DIP	
TR Array		KA2619	14 DIP	Differentially-Connected Pair TR, Discrete TR
AV Switch	KA8119	30 SDIP		Video SW(2 INPUT 1 output) Video 6dB AMP Video MUX (4Input 1 output) Audio SW (2 Input 1output) Audio Mux (4 Input 1 output)
R.G.B ENCODER	NTSC/PAL	KA2194D	24 SOP	Regulator, Mixer, Modulator, Pulse Gen., Audio buffer, X-tal OSC., clamp
	NTSC	KA2195D	24 SOP	BPF, D.L circuit, Regulator, Mixer, Modulator, pulse Gen., Audio buffer, X-tal OSC., clamp
	NTSC	*KA2196D	24 SOP	Y/C Driver, BPF, D.L circuit, Regulator, Mixer, Modulator, Pulse Gen., Audio buffer, X-tal OSC., clamp
	PAL	**KA2197D	24 SOP	Y/C Driver, BPF, D.L circuit, Regulator, Mixer, Modulator, Pulse Gen., Audio buffer, X-tal OSC., clamp
4CH A/V SWITCH		KA2192	30 SOP	Two input decoder, Mode selector, 4 x 1 switch, Mute switch, Bias stage, Gain switch, clamp, TV polarity switch, 2 x 1 switch, pulse Gen.