

4. TELECOMMUNICATION APPLICATION

Application	Device	Package	Circuit Function
Tone Ringer	KA2410 KA2411	8 DIP	Adjustable warbling and 2 frequency tone External triggering or ringer disable (KA2410) Adjustable supply initiating current (KA2411) Built-in hysteresis
Tone Ringer with Bridge Rectifier	KA2418 KA2428	8 DIP	Protect against over voltage Low current consumption Allow the parallel operation of 4 devices Built-in hysteresis External component's are minimized High output voltage
DTMF Dialer	KS5808A	16 DIP	Direct telephone line operation Standard 2 of 8 key board use Tone output: Bipolar output Mute output: N-CH open drain
	KS5809	16 DIP	Low power dissipation Single contact key board use Tone output: Bipolar output Mute output: N-CH open drain
	KS5810	16 DIP	Low power dissipation Single contact key board use 31 digit redial (Column 4 keys) Tone output: Bipolar output Mute output: N-CH open drain
	KS5811	16 DIP	Low power dissipation Standard 2 of 8 key board use 31 digit redial (# key) Tone output: Bipolar output Mute output: N-CH open drain
	KA2413	16 DIP	Wide operating line voltage and current range Short start up time External components are minimized Internal protection of all inputs
Pulse Dialer with Redial	KS5851/52	18 DIP	KS5851: Pin 2; V_{ref} KS5852: Pin 2; Tone output RC oscillator used as frequency reference DP output, 32 digit redial High quality si-gate CMOS process
	KS5853	16 DIP	DP output RC oscillator used as frequency reference 32 digit redial High quality si-gate CMOS process
DTMF/Pulse Switchable Dialer	KS58002 KS58006	22 DIP/22 SDIP 18 DIP/20 SOP	Tone/Pulse switchable dialing, touch key or slide switch 32 digit redialing & PABX auto-pause time Make/break ratio pin selectable
	*KS58008	18 DIP/20 DIP 22 DIP	One touch redial possible Hands free & Hold function possible Tone/pulse switchable dialing, touch key or slide switch 32 digit redialing & PABX auto-pause time Make/break ratio pin selectable

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