

KS56 SERIES

FEATURES

- Interrupt handler up to seven interrupt sources
- Power-down mode
- Built-in RC and/or Crystal/Ceramic oscillation circuit
- Buzzer sound output except KS56C460B/1660
- Operating voltage form 2.7V to 6.0V
- Operating temperature from -40 to 85 °C

APPLICATIONS

- VCR
- CD Players
- Cameras
- Telephone
- Audio set
- LCD Remote Controller
- Other LED, LCD and VFD Application

CHARACTERISTICS

Device	ROM (byte)	RAM (nibble)	Max. Osc (MHz)	I/O pins			Ext. Inter- rupt	SIO	Timer/ Counter	Basic Timer	Display	Others	Package	Piggyback
				In	Out	I/O								
KS56C460B	4K	512	5.0	8	0	44	5	8bit 1ch	8bit 2ch	8bit 1ch		Comparator: 4ch	64 SDIP 64 QFP	PC56C1660
KS56C1660	16K	512	5.0	8	0	44	5	8bit 1ch	8bit 2ch	8bit 1ch		Comparator: 4ch	64 SDIP 64 QFP	PC56C1660
KS56C220	2K	288	4.5	4	8	12	2		8bit 1ch	8bit 1ch	LCD, 32seg, 4com		64 QFP	PC56C220
KS56C820	8K	512	4.5	8	8	24	4	8bit 1ch	8bit 1ch	8bit 1ch	LCD, 32seg, 4com		80QFP	PC56C1620
KS56C1620	16K	512	4.5	8	8	24	4	8bit 1ch	8bit 1ch	8bit 1ch	LCD, 32seg, 4com		80QFP	PC56C1620
KS56C821	8K	512	1.5	4	16	16	14		8bit 1ch	8bit 1ch	LCD, 60seg, 9com	RC oscillator	100QFP	
KS56C1610	16K	512	4.5	8	4	20	4	8bit 1ch	8bit 1ch	8bit 1ch	VFD, 10seg, 16com	PWM: 14bit, 1ch	64QFP	PC56C1610
KS56C450	4K	736	4.5	4	0	31	9		8bit 2ch	8bit 1ch		DTMF generator	42SDIP 28DIP	PC56C450
KS56C401	4K	512	4.0	1	1	23	9		8bit 2ch	8bit 1ch		Low Voltage Operation	32SOP	
KS56C1270	4K	512	5.0	0	25	30	2	8bit 1ch	8bit 2ch	8bit 1ch	VFD, 10seg, 15com		64SDIP 64QFP	PC56C1270
KS56C671	4K	512	5.0	0	12	22	2	8bit 1ch	8bit 2ch	8bit 1ch	VFD, 12seg, 8com		42SDIP 44QFP	PC56C671*

Note : Byte = 8 bits, nibble = 4 bits

* Under Development