

1. FUNCTION GUIDE

1.1 CMOS LCD Watch

Device	Display						Function				Additional Features						Remark
	Digits	Day Flaps	Marks	Duplexed LCD	Triplexed LCD	Basic 6 Friction	Day Type	year	Alarm	Snoze	Chronograph	Chime	Remark	V _{DD} (V)	I _{DD} (μ A)		
															Typ.	Max.	
KS5120	3.5	-	-	*	-	*	-	-	-	-	-	-		1.5	0.8	1.5	Internal Capacitor
KS5195	4	-	4	*	-	*	-	-	*	-	-	*		1.5	1.0	2.0	Internal Capacitor
KS5190A	6	7	4	*	-	*	Flag	-	*	*	*	*	chrono (1/00 sec, 24HR)	1.5	1.0	2.0	
KS5199A	3.5	-	-	*	-	*	-	-	-	-	-	-		1.5	0.8	1.5	
KS5112	6	-	1	-	*	*	-	-	-	-	-	-		1.5	0.8	1.5	
KS5121	3.5	-	-	*	-	*	-	-	-	-	-	-		1.5	0.8	1.5	1.5V LCD use. colon flash option

1.2 COMS Analog LCD Watch

Device	Display			Function	Electrical Characteristic			Remark
					V _{DD} (V)	I _{DD} (μ A)		
	Hand	Segment	LCD duty			Typ	Max	
KS5113	3	120	1/6	3	1.5	1.5	2.5	Internal Capacitor

1.3 CMOS Analog Watch

Device	PAD	Time Keeping	Time Stability (ppm)	V _{DD} (V)	I _{DD} (nA)		Remark
					Typ	Max	
KS5243	10	Trimmer cap (O _i)	Typ : 0.1	1.5	170	300	Motor output : Mask option

1.4 CMOS Analog Clock

Device	Feature	V _{DD} (V)	I _{DD} (nA)		Osc. (Hz)	Package	Remark
			Typ	Max			
KS5224	M 62.5 msec	1.5	1.0	2.0	32.768	Bare Chip 8DIP	Low Voltage Operation (within 2 sec/Typ.1.0V)

1.5 CMOS Digital Clock

Device	Feature	V _{DD} (V)	I _{DD} (mA)		OSC (MHz)	Package	Remark
			Typ	Max			
KS5127	FIP direct drive	3~7		0.7	4.194304	40 DIP	- Hours - Minutes setting 4-ways - Brightness control