

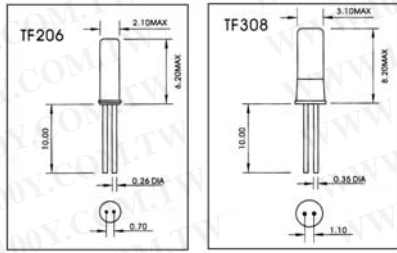
Timing Function IC

Quartz Resonator

Detailed product specifications are available on: us.100y.com.tw



This kind of turning fork crystal has small compact size, performance and economy, excellent shock and environmental characteristics, it is widely used in electronic clocks, kind of telephones, game systems.

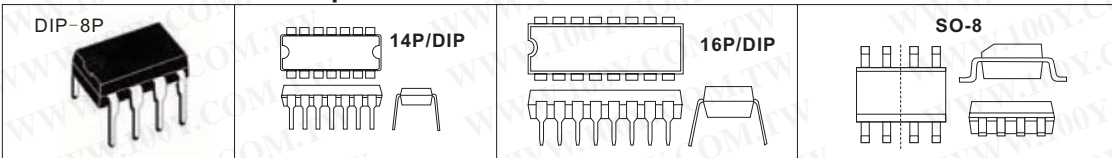


HOLDER TYPE		φ2X6	φ3X8
NOMINAL FREQUENCY	KHz	32.768	
FREQUENCY TOLERANCE	ppm	±20;±50;±100	
TURNOVER TEMPERATURE	°C	25±5	
LOAD CAPACITANCE	pF	12.5	
EQUIVALENT SERIES RESISTANCE (MAX)	KΩ	40;50;100	
DRIVE LEVEL (TYP)	μW	1.0	
SHUNT CAPACITANCE (TYP)	pF	1.3	1.6
AGING(FIRST YEAR MAX)	ppm	±5	
INSULATION RESISTANCE(MIN)	MΩ	500	
OPERATING TEMPERATURE RANGE	°C	-10~+60	
STORAGE TEMPERATURE RANGE	°C	-40~+85	

Part No.	Product No.	Manufacturer	Description	Frequency (KHz)	Load capacitance(Pf)	Can Style	Equivalent resistance Ω	±ppm
14196	TF206-32.768KHz	TKD	Quartz Resonator	32.768KHz	12.5pF	ψ2*6mm	≅40KΩ	±20PPM
14112	TF308-32.768KHz	TKD	Quartz Resonator	32.768KHz	12.5pF	ψ3*8mm	30KΩ	+~20PPM

Phase Lock Loop

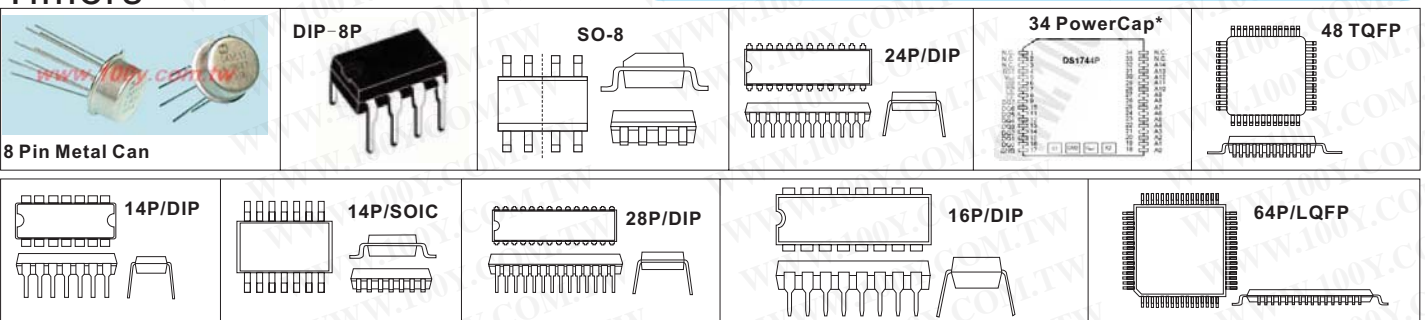
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Part No.	Product No.	Manufacturer	Description	Pins/Package	TEMP RANGE(°C)	Vcc	GBP(Hz)	Icc(mA)
7725	CA1391E	HARRIS	TV Horizontal Processors (Phase-Locked Loop)	8P/DIP	0 to 85	40V(dc)	14734~16734Hz	40mA
13951	LM565CN	N.S	Phase locked loop	14P/DIP	0°C to +70°C	±12V	500KHz	8.0mA
16516	LM567CMX	N.S	Tone Decoder	8P/SOIC	-65°C to +150°C	5.0V	500KHz	7mA
6777	LM567CN	N.S	Tone Decoder/PLL;AM Lock Detection	8P/DIP	0 °C to +70 °C	10	500KHz	7mA
1378	LMC567CM	N.S	CMOS Tone Decoder	8P/SOIC	-25°C to +125°C	2~9V		
23964	MC145158P2	MOTOROLA	Serial-Input PLL Frequency Synthesizer	16P/DIP	-65~150°C	3~9V		+/-10mA
23857	NE564D		Phase-locked loop	16P/SOIC	0 to +70°C			60mA
1199	NE564N	PHILIPS	PHILIPS_PHASE-LOCKED LOOP	16P/DIP	0~+70°C	5V	50MHz	45mA
3830	NE564N-S	PHILIPS	PHILIPS_High frequency phase locked loop	16P/DIP	0~+70°C	5V	50MHz	45mA
29831	SE564N	PHILIPS	PHILIPS_Phase-locked loop	16P/DIP(Plastic)	-55~+125°C	5V	50MHz	45mA
40602	TLC556CN	T.I.	DUAL LinCMOSE TIMERS	14P/DIP	0 to +70°C	2V TO 18V		10mA~100mA

Timers

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Part No.	Product No.	Manufacturer	Description	Pins/Package	Temp Range/°C	Vcc (Supply voltage)
22047	CA555T	HARRIS	Highly Stable Timer	8 Pin Metal Can	-55 to 125	4.5~18V
10256	DS0026CN	N.S	Dual High-Speed MOS Driver	8P/DIP	-65°C to +150°C	5.5V
41877	DS1100LU-40	MAXIM	3.3V 5-Tap Economy Timing Element Delay Line			
41902	DS1337S	MAXIM	I2C Serial Real-Time Clock	8P-SOP	-40°C to +85°C	1.8-5.5V
41923	DS1742-70	MAXIM	Y2KC Nonvolatile Timekeeping RAM	24 EDIP (0.740a)	0°C to +70°	5.0
41926	DS1742W-120	MAXIM	Y2KC Nonvolatile Timekeeping RAM	24 EDIP (0.740a)	0°C to +70°C	5.0
41929	DS1742W-150	MAXIM	Y2KC Nonvolatile Timekeeping RAM	24 EDIP (0.740a)	0°C to +70°C	3.3v
41931	DS1742W-150+	MAXIM	Y2KC Nonvolatile Timekeeping RAM	24 EDIP (0.740a)	0°C to +70°C	3.3V
41932	DS1744WP-120+	MAXIM	Y2K-Compliant, Nonvolatile Timekeeping RAMs	34 PowerCap*	0°C to +70°C	3.3 V
42006	DS2415P	DALLAS	Real-time clock with fully compatible 1-Wire® MicroLAN interface		-40°C to +85°C	2.5V to 5.5V
42018	DS26503L	DALLAS	T1/E1/J1 BITS Element	64 LQFP	0°C to +70°C	
42027	DS3150T	DALLAS	3.3V, DS3/E3/STS-1 Line Interface Unit	48 TQFP	0 C to +70 C	3.3V



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