

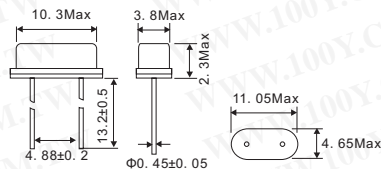
Timing Function IC

Timers

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

Part No.	Product No.	Manufacturer	Description	Pins/Package	Cross Ref.	Temp Range/°C	Vcc (Supply voltage)
4486	HA17555	HITACHI	Precision Timer-Pb Free	8P/DIP	MC1455P/NE555	-20 to +70	+18V
22619	ICM7556IPA	HARRIS	General Purpose Timers	14P/PDIP		-25~85°C	18V
4485	LM555	HARRIS	Timer	8P/DIP	MC1455P/NE555/HA17555	0°C to +70°C	+18V
31826	LM556CM	N.S	Dual Timer	14P/SOIC		0°C to +70°C	+18V
4959	LM566N	N.S	Function Generator (VCO)	8P/DIP	NE566	0 to +70°C	±6V
22448	LM8560	UTC	DIGITAL ALARM CLOCK	28P/SDIP		30 ~70°C	-15~0.3V
7173	MM5369AA/N	N.S	Program. Oscillator/ divider (60Hz)	8P/DIP		0 to +70°C	3V-15V
46344	NE555D	ST(SGS)	Timer	8P/SOIC	MC1455P/LM555	0 to +70 °C	16V
4520	NE555DR	T.I.	Single Timer	8P/SOIC	(MC1455P/LM555CN)	-20 to +70	+18V
1195	NE555N	ST(SGS)	Timer	8P/DIP	MC1455P/LM555	0 to +70 °C	+16V
4484	NE555P	T.I.	Precision Timer	8P/DIP	MC1455P/LM555/HA17555	0°C to 70°C	18V
4953	NE556	N.S	Function Generator(GENERAL PURPOSE DUAL BIPOLAR TIMERS)	14P/DIP		0 to +70°C	+16V
1377	NE556D	N.S	Dual 555 timer(GENERAL PURPOSE DUAL BIPOLAR TIMERS)	14P/SOIC	MC3456	0 to +70°C	16V
19339	NE556N	ST(SGS)	GENERAL PURPOSE DUAL BIPOLAR TIMER	14P/DIP		0.005%	18V
4955	NE558	Fairchild	Quad Timer	16P/DIP	AN171	0 to +70°C	+16V
1196	TLC555CP	T.I.	CMOS Timer	8P/DIP	NE555	0°C to 70°C.	2 V to 15 V

SIWARD Crystal SIWARD Crystal LP-3.5 Series



TYPICAL APPLICATIONS

Computer clocks, Video cameras, HDD and Audio equipment

FEATURES

The LP series is a highly reliable resistance-weld sealing is adopted to assure high realization, designed according to the requirement of reducing the height.

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

Type	LP-3.5/LP-3.0/LP-2.5	
Nominal frequency range	3.5~26MHz	26~80MHz
Vibration Mode	Fundamental	3rd overtone
Frequency tolerance (at+250°C)	±50 x 10 ⁻⁶	
Freq. temperature characteristics	±50 x 10 ⁻⁶	
Operating temperature range	-10°C~+70°C (-40°C~+85°C)	
Load capacitance	Series, 10pF, 12pF, 16pF	
Shunt capacitance	5pF MAX.	
Level of drive	10µW (100µW MAX)	
Storage temperature range	-40°C~+90°C	

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
6965	LP-3.5.2S-10.0000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	10.000	30ppm	20pF	HC-49/S
6980	LP-3.5.2S-10.240MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	10.240	30ppm	20pF	HC-49/S
23347	LP-3.5.2S-11.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	11.000	30ppm	20pF	HC-49/S
39049	LP-3.5.2S-11.0592MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	11.0592	30ppm	20pF	HC-49/S
13397	LP-3.5.2S-12.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	12.000	30ppm	20pF	HC-49/S
11325	LP-3.5.2S-14.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	14.000	30ppm	20pF	HC-49/S
6970	LP-3.5.2S-14.31818MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	14.31818	30ppm	20pF	HC-49/S
4518	LP-3.5.2S-14.7456MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	14.7456	30ppm	20pF	HC-49/S
10950	LP-3.5.2S-15.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	15.000	30ppm	20pF	HC-49/S
13399	LP-3.5.2S-16.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	16.000	±30ppm		HC-49/S
23180	LP-3.5.2S-16.9344MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	16.9344	30ppm	20pF	HC-49/S
39050	LP-3.5.2S-17.734475MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	17.734475	30ppm	20pF	HC-49/S
23067	LP-3.5.2S-18.432MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	18.432	30ppm	20pF	HC-49/S
22991	LP-3.5.2S-2.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	2.000	+/-30ppm	20pF	HC-49/S
23029	LP-3.5.2S-2.4576MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	2.4576	30ppm	20pF	HC-49/S
13396	LP-3.5.2S-20.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	20.000	±30ppm	20pF	Crystal DIP
12716	LP-3.5.2S-22.1184MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	22.1184MHz	30ppm	20pF	HC-49/S
39048	LP-3.5.2S-24.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	24.000	30ppm	20pF	HC-49/S
39352	LP-3.5.2S-24.576MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	24.576	30ppm	20pF	HC-49/S
32216	LP-3.5.2S-25.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	25.000	30ppm	20pF	HC-49/S
23070	LP-3.5.2S-26.670MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	26.670	30ppm	20pF	HC-49/S
23199	LP-3.5.2S-27.000MHz-11.5PF	SIWARD	SIWARD_Quartz Crystal Unit	27.000MHz	+/-30ppm	11.5pF	HC-49/S
23071	LP-3.5.2S-27.125MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	27.125	30ppm	20pF	HC-49/S
6992	LP-3.5.2S-28.636MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	28.636	30ppm	20pF	HC-49/S
23031	LP-3.5.2S-3.2768MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	3.2768	30ppm	20pF	HC-49/S
13476	LP-3.5.2S-3.579545MHz-16PF	SIWARD	SIWARD_Quartz Crystal Unit	3.579545	30ppm	20pF	HC-49/S
6977	LP-3.5.2S-3.6864MHz-18PF	SIWARD	SIWARD_Quartz Crystal Unit	3.6864	30ppm	18pF	HC-49/S
23072	LP-3.5.2S-30.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	30.000	30ppm	20pF	HC-49/S
23179	LP-3.5.2S-32.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	32.000	±30ppm	20pF	Crystal DIP
10252	LP-3.5.2S-32.768MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	32.768MHz	±30ppm	20pF	HC-49/S
23211	LP-3.5.2S-4.000MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.000MHz	±30ppm	20pF	HC-49/S
23032	LP-3.5.2S-4.032MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.032	±30ppm	20pF	HC-49/S
6979	LP-3.5.2S-4.096MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.0960	±30ppm	20pF	HC-49/S
11771	LP-3.5.2S-4.194304MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.194304	30ppm	20pF	HC-49/S
23047	LP-3.5.2S-4.608MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.608	±30ppm	20pF	HC-49/S
6975	LP-3.5.2S-4.9152MHz-20PF	SIWARD	SIWARD_Quartz Crystal Unit	4.9152	±30ppm	20pF	HC-49/S



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