

# Timing Function IC

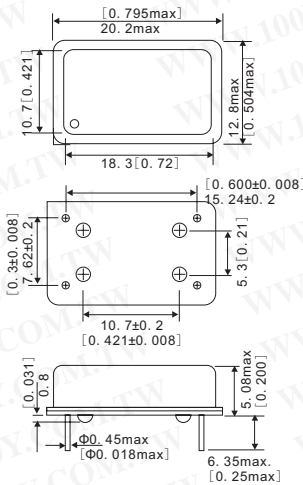
## MEC\_Crystal M49,M49L,HC-49 Series

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	±ppm	Load capacitance(pF)	Can Style
15728	M49G-24.576-S	MEC	SMD Quartz Crystal	24.576MHz	30ppm	18pF	HC-49/SMD
15726	M49G-32.000BF-S	MEC	SMD Quartz Crystal	32.000MHz	±100ppm	18pF	HC-49/SMD
23212	M49G-4.000-20P	MEC	QUARTZ CRYSTAL UNIT	4.000MHz	+/-30ppm	20pF	HC-49/SMD
41087	M49G-4.433619-18P	MEC	MEC_SMD Quartz Crystal	4.433619MHz	±30ppm	18pF	HC-49/SMD(4.7*12.7*4.2mm)
32350	M49G-5.120-18P	MEC	SMD Quartz Crystal Unit	5.120MHz	±30ppm	18pF	HC-49/SMD
15725	M49G-6.000M-18P	MEC	SMD Quartz Crystal	6.000MHz	±30ppm	18pF	HC-49/S-SMD
40234	M49G-7.3728-18P	MEC	SMD Quartz Crystal Units	7.3728MHz	±30ppm	18pF	HC-49/SMD(4.7*12.7*4.2mm)
23327	M49G-8.000-18P	MEC	SMD Quartz Crystal	8.000MHz	±30ppm	18pF	HC-49/SMD
16911	M49G-AT-14.7456M-18P	MEC	SMD Quartz Crystal Unit	14.7456MHz	30ppm	20pF	HC-49/S-SMD
23333	M49G-AT-20.000M-18P	MEC	SMD Quartz Crystal Unit	20.000MHz	50ppm	20pF	HC-49/S-SMD
23335	M49G-AT-25.000M-18P		SMD Quartz Crystal Unit	25.000MHz	±30ppm	20pF	HC-49/SMD
28321	M49G-AT-27.000M-18P	MEC	QUARTZ CRYSTAL UNIT	27.000MHz	+/-30ppm	20pF	HC-49/SMD
28534	M49G-AT-3.6864M-1P	MEC	SMD Quartz Crystal Unit	3.6864MHz	30ppm	20pF	HC-49/S-SMD
23208	M49G-AT-4.9152-18P	MEC	QUARTZ CRYSTAL UNIT	4.9152MHz	+/-30ppm	18pF	HC-49/SMD
23210	M49G-AT-48.000A3-18P	MEC	QUARTZ CRYSTAL UNIT	48.000MHz	+/-30ppm	20pF	HC-49/SMD

## MEC\_H Series Clock Oscillators

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



Input Voltage (VDD)	V <sub>DD</sub> = +3.3 V D.C. ±5%	V <sub>DD</sub> = +5.0 V D.C. ±5%
Frequency Range (package dependent)	20 kHz ~ 125 Mhz	20 kHz ~ 160 Mhz
Output Logic	TTL / HCMOS	TTL / HCMOS
Start-up Time (Ts)	10 m Sec. max. 5 m Sec. Typical	
Current Consumption	15 ~ 45 mA (frequency dependent)	
Option on pin 1	Output is high impedance when "O" (≤8V) is applied to pin 1 Disable time is 150 n sec. Max. Please add "T" after the stability code for this option.	
Storage Temperature	-50°C to +100°C	
Aging	±5 ppm per year max.	

### APPLICATION

- CPU, graphics, multimedia A/V clocks
- MPEG / DVD / HDTV clocks
- Laser engine pixel / set-top clocks
- Spread spectrum low EMI clocks
- OC-3, OC-12, OC-48 and OC-192 clocks
- Fast Ethernet and Gigabit Ethernet clocks
- NTSC / PAL encoder/decoder clocks
- PLL / synthesizer clocks
- Fibre channel and ADSL clocks
- SONET / SDH / ATM clocks

Unit: mm [inches]

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	Tol. ±ppm	Operating Volt.	Input Current	Rise Fall time	Package
29022	3H14-B-11.2896MHz	MEC	H Series Clock Oscillators	11.2896MHz	±50ppm	3.3V	15-45mA	3nS max.	FULL CAN
13066	3H14-B-12.000MHz	MEC	H Series Clock Oscillators	12.000	±50ppm	3.3V	15-45mA	3ns	FULL CAN
19786	3H14-B-125.000MHz	MEC	H Series Clock Oscillators	125.000	±50ppm	3.3V	15-45mA	3nS max.	FULL CAN
6910	3H14-B-160.000MHz	MEC	H Series Clock Oscillators	160.000	±50ppm	3.3V	20mA	5ns Max	FULL CAN
6934	3H14-B-25.000MHz	MEC	H Series Clock Oscillators	25.000	±50ppm	3.3V	15-45mA	3ns	FULL CAN
6933	3H14-B-46.000MHz	MEC	H Series Clock Oscillators	46.000	±50ppm	3V	15-45mA	3ns	FULL CAN
6920	5H14-B-1.8432MHz	MEC	H Series Clock Oscillators	1.8432	±50ppm	5V	15-45mA	3ns	FULL CAN
41210	5H14-B-11.2896MHz	MEC	H Series Clock Oscillators	11.2896MHz	±50ppm	5V	15-45mA	3nS max.	FULL CAN
11673	5H14-B-2.048MHz	MEC	H Series Clock Oscillators	2.048MHz	±50ppm	5V	15-45mA	3ns	FULL CAN
6948	5H14-B-3.579545MHz	MEC	H Series Clock Oscillators	3.579545	±50ppm	5V	10mA	5ns max	FULL CAN
6938	5H14-B-32.000MHz	MEC	H Series Clock Oscillators	32.000	±50ppm	5V	15-45mA	3nS	FULL CAN
6935	5H14-B-42.000MHz	MEC	H Series Clock Oscillators	42.000	±50ppm	5V	15-45mA	3ns	FULL CAN
4521	5H14-B-48.000MHz	MEC	H Series Clock Oscillators	48.000	±50ppm	5V	15-45mA	3nS	FULL CAN
6930	5H14-B-60.000MHz	MEC	H Series Clock Oscillators	60.000	±50ppm	5V	15-45mA	3ns	FULL CAN
6922	5H14-B-8.000MHz	MEC	H Series Clock Oscillators	8.0000	±50ppm	5V	15-45mA	3nS	FULL CAN
41208	5H14B-16.9344MHz	MEC	H Series Clock Oscillators	16.9344MHz	±50ppm	5V	15-45mA	3nS max.	FULL CAN
41312	5H14G-B-33.8688MHz	MEC	H Series Clock Oscillators	33.8688MHz	±50ppm	5V	15-45mA	3nS max.	FULL CAN
45648	5H14G-D-11.2896MHz	MEC	H Series Clock Oscillators	11.2896MHz	±25ppm	5V	15-45mA	3nS max.	FULL CAN

- We provide a wide range of products to development and maintenance engineers in all type of business
- If you cannot find the components you want on the catalogue, please call us.



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## Centenary Materials

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