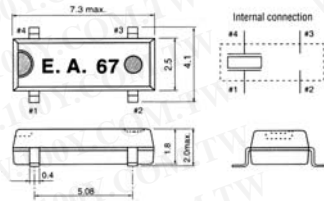


Timing Function IC

Ceramic Resonators

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

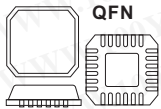


Item	Symbol	Specifications		Remarks
Nominal frequency	f	32.768kHz	32.000kHz to 100.000kHz	
Storage temperature	T _{STG}	-55°C to +125°C		Stored as bare product after unpacking
Operating temperature	T _{OPR}	-40°C to +85°C		
Maximum drive level	GL	1.0μW Max.		
Frequency tolerance (standard)	Δf/f	±20x10 ⁻⁶ , ±50x10 ⁻⁶	±50x10 ⁻⁶ , ±100x10 ⁻⁶	T _a =+25°C, DL=0.1μW
Peak temperature (frequency)	OT	+25°C ±5°C		
Temperature coefficient (frequency)	a	-0.04x10 ⁻⁶ /°C ² Max.		
Load capacitance	C _L	7pF, 12.5pF		Please specify
Series resistance	R _s	55KΩ Max	50kΩ to 20kΩ	As per below table
Motional capacitance	C ₁	1.8fF Typ.	3.0fF Max.	
Shunt capacitance	C ₀	0.9pF Typ	1.5pF Max.	
Insulation resistance	IR	500MΩ Min.		
Aging	F _a	±3x10 ⁻⁶ /year Max.	±5x10 ⁻⁶ /year Max.	T _a =+25°C ±3°C, first year
Shock resistance	S. R.	±5x10 ⁻⁶ Max.		Three drops on a hard board from 750mm or excitation test with 29400m/s ² ×0.3msx 1/2 sine wave x3 directions

Part No.	Product No.	Description	KHz Band	MHz Band
11836	MC-206-4.19M	SMD Resonator		4.19MHz
11837	SMD-OSC50.0000M	Ceramic Resonators	50.0000MHz	10mA

Counters / Drivers

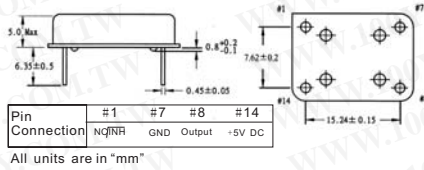
Detailed product specifications are available on: us.100y.com.tw



Part No.	Product No.	Manufacturer	Description	Pins/Package
24013	CDCM1804RTHT	T.I.	1:3 LVPECLClock Buffer &Addl LVCMOS Output	QFN

TTL/HCMOS Crystal Oscillators

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



Features

- All metal welded package
- Wide frequency range from 1.0MHz up to 13.0MHz
- CMOS IC circuit construction built-in with tri-state function
- CMOS/TTL compatible in general application
- Supply voltage: 3.3V to 5V

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	Input Current	Rise Fall time	Operating Volt.	Package	Tol. ±ppm
33039	DS32KHZ-N	DALLAS							
24085	MCO-1510A-10MHz		14 Pins TTL Crystal Clock Oscillators	10Mhz				FULL CAN	
28104	OSC11.0592M-FULL		14 Pins TTL Crystal Oscillator	11.0592MHz			5V	FULL CAN	+25ppm
6955	OSC16.257M-FULL		14 Pins TTL Crystal Clock Oscillators	16.257	15mA	5ns	5V	FULL CAN	±50ppm
6954	OSC2.4576M-FULL		14 Pins TTL Crystal Clock Oscillators	2.4576	10mA	5ns	5V	FULL CAN	±50ppm
6921	OSC20.000M-FULL		14 Pins TTL Crystal Clock Oscillators	20.000	20mA	10ns	5V	FULL CAN	±50ppm
7857	OSC24.000M-FULL		14 Pins TTL Crystal Clock Oscillators	24.000	30mA	5ns	3.3V~5V	FULL CAN	±50ppm
28467	OSC27.000M-FULL-3.3V		14 Pins TTL Crystal Clock Oscillators	27	30Ma		3.3V	FULL CAN	25ppm
6939	OSC28.322M-FULL		14 Pins TTL Crystal Clock Oscillators	28.322	30mA	5ns	5V	FULL CAN	±50ppm
6957	OSC3.6864M-FULL		14 Pins TTL Crystal Clock Oscillators	3.6864	10mA	5ns	5V	FULL CAN	±50ppm
6952	OSC35.500M-FULL		14 Pins TTL Crystal Clock Oscillators	35.500	30mA	5ns	5V	FULL CAN	±50ppm
3328	OSC40.000M-FULL		14 Pins TTL Crystal Clock Oscillators	40.000	30mA	5ns max.	5V	FULL CAN	±50ppm
12031	OSC5.000M-FULL		14 Pins TTL Crystal Clock Oscillators	5.000MHz	10mA	5ns	5V	FULL CAN	±50ppm
6931	OSC50.000M-FULL		14 Pins TTL Crystal Clock Oscillators	50.000	25mA	6ns max	5V	FULL CAN	±50ppm
6929	OSC66.667M-FULL		14 Pins TTL Crystal Clock Oscillators	66.667	40mA	5ns	5V	FULL CAN	±50ppm
13312	OSC80.000M-FULL		14 Pins TTL Crystal Clock Oscillators	80.000	50mA	5ns	3.3V&5V	Full CAN	±50ppm
13065	OSC9.6000M-FULL		14 Pins TTL Crystal Clock Oscillators	9.6000	10mA	5ns	3.3V&5V	FULL CAN	±50ppm

- 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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Shanghai: 021-54151736 Shenzhen: 0755-83298787

Centenary Materials

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