



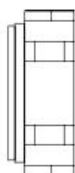
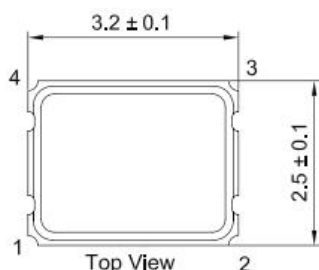
Features

- Mainstream miniature oscillator package;
- Supply voltage range : 1.8 V ~ 3.3 V;
- Tri-State function available;
- High stability, low jitter, low power consumption;
- Main application :Optimal solution for home security devices, power saving application, and low frequency specification circuit design looking for a smaller package;
- RoHS Compliant / Pb Free.

Crystals specifications

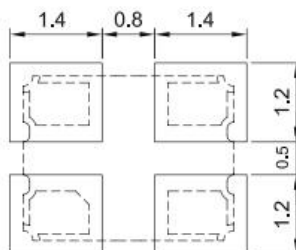
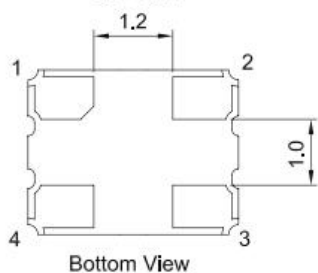
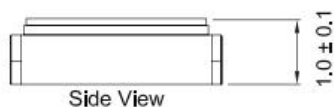
ITEMS (项目)		PARAMETER (规格说明) 032	
Output Type(输出模式)		CMOS	
Output Load(输出负载条件)		15 pF , or specify	
Oscillation Mode(振荡模式)		Fundamental / 3rd Overtone	
Supply Voltage(电源电压)		1.8 V	2.5 V, 2.8V 3.3 V
Frequency Range(输出频率范围)		1 ~ 160 MHz	
Frequency Stability		± 25 ppm , ± 50 ppm	
Operating Temperature Range(工作温度)		- 10 ~ + 70 °C , - 40 ~ + 85 °C	
Storage Temperature Range(储存温度)		- 55 ~ + 125 °C	
Oscillating voltage(振荡电压)	Voltage Vol (Max.)	10 % VCC Max.	
	Voltage Voh (Min.)	90 % VCC Min	
Rise (Tr) / Fall (Tf) Time: 上升/下降时间		8 ns Max.	
Current Consumption (功耗)		15 mA Max.	
Symmetry(占空比)		40 ~ 60 %	
Start-up Time(振荡启动时间)		3 ms Max.	
Phase Jitter (12 KHz ~ 20 MHz)		1 ps Max.	
Aging (at 25 °C)频率老化		± 3 ppm / year Max.	
Packing Unit(包装单位)		3, 000pcs/Reel	

Dimensions



PAD FUNCTION:

- 1: ENABLE CONTROL
- 2: GND
- 3: OUT
- 4: VDD



Top View Suggested Layout

Units: mm

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Standard Clock Oscillators](#) category:

Click to view products by [JGHC](#) manufacturer:

Other Similar products are found below :

[EP1400SJTSC-125.000M](#) [601137](#) [601252](#) [CSX750FBC-24.000M-UT](#) [CSX750FBC-33.333M-UT](#) [CSX750FCC-3.6864M-UT](#) [F335-12](#) [F335-25](#) [F535L-50](#) [DSC506-03FM2](#) [ASA-20.000MHZ-L-T](#) [ASA-25.000MHZ-L-T](#) [ASA-27.000MHZ-L-T](#) [ASV-20.000MHZ-LR-T](#) [ECS-2018-160-BN-TR](#) [EL13C7-H2F-125.00M](#) [MXO45HS-2C-66.6666MHZ](#) [NBXDBB017LN1TAG](#) [NBXHBA019LN1TAG](#) [SiT1602BI-22-33E-50.000000E](#) [SIT8003AC-11-33S-2.04800X](#) [SiT8256AC-23-33E-156.250000X](#) [SIT8918AA-11-33S-50.000000G](#) [SM4420TEV-40.0M-T1K](#) [SMA4306-TL-H](#) [F335-24](#) [F335-40](#) [F335-50](#) [F535L-10](#) [F535L-12](#) [F535L-16](#) [F535L-24](#) [F535L-27](#) [F535L-48](#) [CSX750FBC-20.000M-UT](#) [CSX-750FBC33333000T](#) [CSX750FBC-4.000M-UT](#) [CSX750FBC-7.3728M-UT](#) [CSX750FBC-8.000M-UT](#) [CSX-750FCC14745600T](#) [CSX750FCC-16.000M-UT](#) [CSX-750FCC40000000T](#) [CSX750FCC-4.000M-UT](#) [ASA-22.000MHZ-L-T](#) [ASA2-26.000MHZ-L-T](#) [ASA-40.000MHZ-L-T](#) [ASA-48.000MHZ-L-T](#) [ASA-60.000MHZ-L-T](#) [ASF1-3.686MHZ-N-K-S](#) [XLH735025.000JU4I8](#)