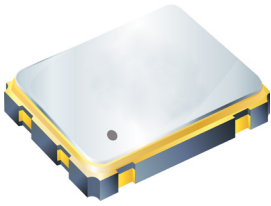


Crystal Oscillator

SMD 5032 (5mm × 3.2mm × 1.2mm)



RoHS
Compliant



Application

Used in Wireless communication, PDA, DSC, PC, Server, SONET, Telecommunications, etc.

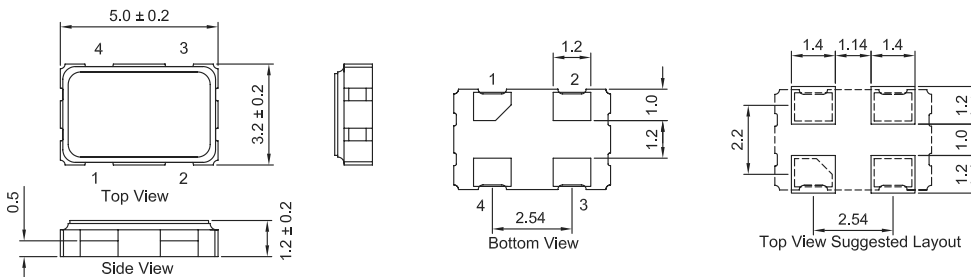
Features

- Small size SMD seam sealed clock crystal oscillator units
- Supply voltage: 3.3V
- 3-state function
- Automatic mounting and reflow soldering
- High stability, low jitter, low power consumption

Electrical Specifications

Output Type	: CMOS			
Output Load	: 15pF			
Oscillation Mode	: Fundamental / 3rd Overtone			
Supply Voltage	: 3.3V			
Frequency Range	: 1 ~ 48MHz			
Frequency Stability	: ±25ppm			
Operating Temperature Range	: -40°C to +85°C			
Storage Temperature Range	: -55°C to +125°C			
Voltage Vol (Max.) / Voh (Min.)	: 0.1VDD / 0.9VDD			
Rise(Tr) / Fall(Tf) Time	: 8ns Max.			
Current Consumption	1 ~ 75MHz	5mA Max.	10mA Max.	20mA Max.
	75 ~ 150MHz	15mA Max.	20mA Max.	NA
Symmetry	: 40~60%			
Start-up Time	: 5ms Max.			
Phase Jitter (12kHz ~ 20MHz)	: 1ps Max.			
Aging (at 25°C)	: ±3ppm/Year Max.			

Diagram



PAD Function

1. Enable Control
2. GND
3. Out
4. VDD

Dimensions : Millimetres

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Crystal Oscillator

SMD 5032 (5mm × 3.2mm × 1.2mm)



Part Number Table

Description	Part Number
Crystal Oscillator, 5032, 1.8432MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-1.8432-25-C
Crystal Oscillator, 5032, 4MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-4.00-25-C
Crystal Oscillator, 5032, 8MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-8.00-25-C
Crystal Oscillator, 5032, 10MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-10.00-25-C
Crystal Oscillator, 5032, 12MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-12.00-25-C
Crystal Oscillator, 5032, 12.288MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-12.288-25-C
Crystal Oscillator, 5032, 16MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-16.00-25-C
Crystal Oscillator, 5032, 16.384MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-16.384-25-C
Crystal Oscillator, 5032, 20MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-20.00-25-C
Crystal Oscillator, 5032, 24MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-24.00-25-C
Crystal Oscillator, 5032, 24.576MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-24.57600-25-C
Crystal Oscillator, 5032, 25MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-25.00-25-C
Crystal Oscillator, 5032, 26MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-26.00-25-C
Crystal Oscillator, 5032, 27MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-27.00-25-C
Crystal Oscillator, 5032, 28.63636MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-28.63636-25-C
Crystal Oscillator, 5032, 30MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-30.00-25-C
Crystal Oscillator, 5032, 32MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-32.00-25-C
Crystal Oscillator, 5032, 38.4MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-38.40-25-C
Crystal Oscillator, 5032, 40MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-40.00-25-C
Crystal Oscillator, 5032, 48MHz, 3.3V, ±25ppm, -40 ~ +85°C, 15pF	MCSJK-7NC2-48.00-25-C

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