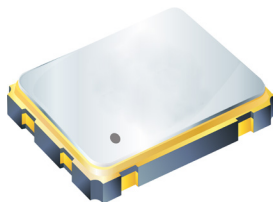


# Crystal Oscillator

## SMD 5032 (5mm × 3.2mm × 1.2mm)

**multicomp** PRO

**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

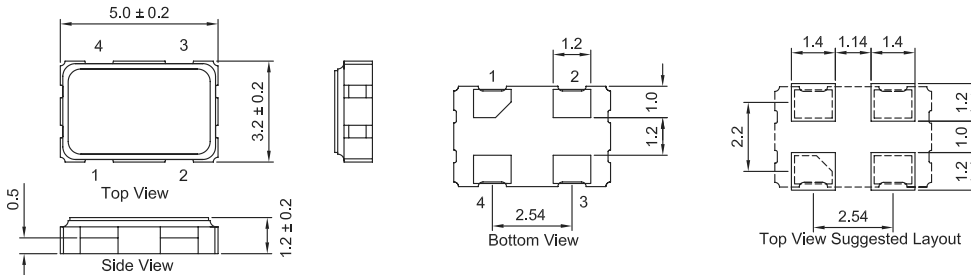
Fan Out Type	CMOS/HCMOS
Supply Voltage (Vdd)	3.3V
Frequency Range	1.544MHz to 125MHz
Operating Temperature	-40°C to +85°C
Input Current Frequency Range	1.544 to 31.999MHz 20mA max(15pF) 32 to 85MHz 30mA max(15pF) 85 to 125MHz 40mA max (15pF)
Frequency Stability All Conditions	±25ppm
Symmetry AT 1/2 Vdd	40/60% Max
Output Voltage Vol(max) Vol(min)	0.33V 2.97V
Rise/Fall Time AT 0.1Vdd~0.9Vdd	10ns max
Load Capacitance	15pF
Start-up Time Load Range	10ms max(15pF)/5ms (50pF)
E/D Function #1 OPEN #1 >=2.2V #1 <=0.8V	PIN #3 ACTIVE PIN #3 ACTIVE PIN #3 INACTIVE
PAD Connection	PIN#3 OUT PIN#4 Vdd

# Crystal Oscillator

## SMD 5032 (5mm × 3.2mm × 1.2mm)

**multicomp** PRO

### Diagram



### PAD Function

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

Dimensions : Millimetres

### 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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