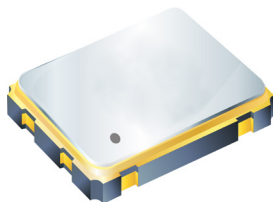


Crystal Oscillator

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

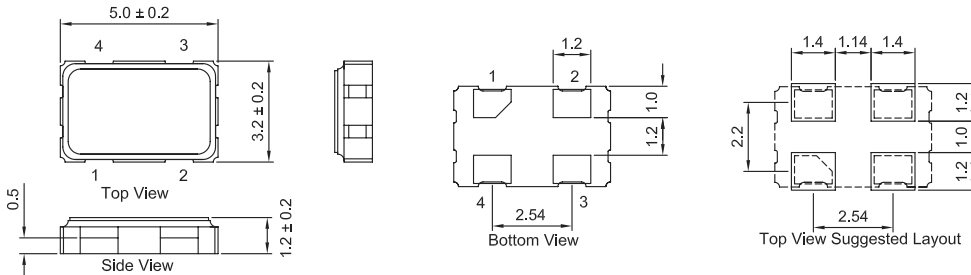
Fan Out Type	CMOS/HCMOS
Supply Voltage (Vdd)	3.3V
Frequency Range	1.544MHz to 125MHz
Operating Temperature	-40°C to +85°C
Input Current Frequency Range	1.544 to 31.999MHz 20mA max(15pF) 32 to 85MHz 30mA max(15pF) 85 to 125MHz 40mA max (15pF)
Frequency Stability All Conditions	±25ppm
Symmetry AT 1/2 Vdd	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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

multicomp PRO