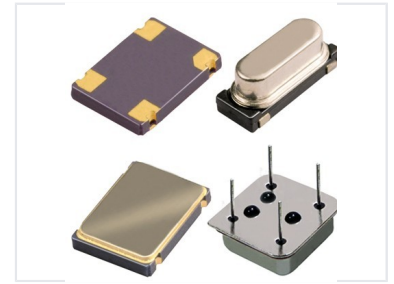


# Quartz Crystal Resonator

Quartz crystals are piezoelectric resonators used in electronic circuits for stable frequency generation. They are commonly used in oscillators, microprocessors, and timing applications.



## Product Overview

### Precision Frequency Control

Quartz crystal resonators are essential piezoelectric components designed to generate highly stable and precise frequencies in electronic circuits. By utilizing the unique properties of crystalline quartz, these resonators provide the timing accuracy required for complex microprocessors and oscillator designs. They are engineered to ensure reliability in diverse electronic applications, serving as the foundational building block for modern signal processing.

## Technical Details

### Common Applications

- Oscillators
- Microprocessors
- Timing Circuits
- Frequency Generation

<b>Component Type</b>	Piezoelectric Resonator
<b>Material</b>	Crystalline Quartz
<b>Configuration Features</b>	Multiple Packages, Diverse Mounting, Stable Performance