

Quartz Crystals And Oscillators



QKT-HC49SMD



QKT-HC49U



QKT-HC49S



QKT-OSC3225



QKT-1612SMD

About Quartz Crystals And Oscillators:

Electronic-grade quartz crystal is crucial for precise frequency controls, timers, and filters in electronic circuits, finding applications in communications equipment, computers, aerospace hardware, and commercial instruments.

A crystal oscillator utilizes the mechanical resonance of a piezoelectric crystal to generate an accurate electrical signal, commonly used for timekeeping, providing clock signals for digital circuits, and stabilizing frequencies for radio equipment. These oscillators, predominantly built around quartz crystals, are widely known as "crystal oscillators."

Quartz crystals are manufactured across a range of frequencies, from tens of kilohertz to tens of megahertz, with over two billion units produced annually. They serve primarily in consumer devices like wristwatches, clocks, radios, computers, and cellphones, as well as in test and measurement equipment such as counters, signal generators, and oscilloscopes.

Quartz Crystals And Oscillators Applications:

The passive quartz crystal are ideally suited designed for Bluetooth wireless communication sets, HDD, DSN, PDA, GPS, Digital Tuner, Wireless LAN and mobile phones.

The Active SMD Oscillators are ideally suited for disc-drives, NB, Networking, GPS/Navigation, Bluetooth, Ethernet, ADSL, VDSL, Fiber channel hand-held electronics products.



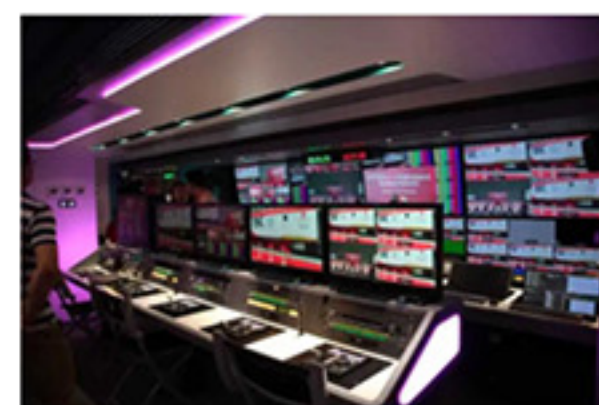
Automotive



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KL Website



SCAN ME

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Product Photo	Kingtronics P/N	Quartz Crystal	Size	Frequency Range
	QKT-HC49U	Leaded Quartz Crystal	11.05x4.65x13.46mm	1.8432MHz to 200.000MHz
	QKT-HC49S	Leaded Quartz Crystal	11.05x4.65mx3.38mm	3.200MHz to 100.000 MHz
	QKT-HC49SMD	SMD Quartz Crystal	12.2x4.5x4.0mm	3.200MHz to 100.000 MHz
	QKT-1612SMD	SMD Quartz Crystal	1.6x1.2mm	24.000 MHz to 48.000 MHz
	QKT-2016SMD	SMD Quartz Crystal	2.0x1.6mm	20.000 MHz to 54.000 MHz
	QKT-2520SMD	SMD Quartz Crystal	2.5x2.0mm	12.000 MHz to 54.000 MHz
	QKT-3225SMD	SMD Quartz Crystal	3.2x2.5mm	12.000 MHz to 54.000 MHz
	QKT-5032SMD	SMD Quartz Crystal	5.0x3.2mm	8.000 MHz to 150.0000 MHz
	QKT-OSC2520	SMD Oscillator	2.5x2.0mm	1.000MHz to 64.000 MHz
	QKT-OSC3225	SMD Oscillator	3.2x2.5mm	1.000MHz to 125.000 MHz
	QKT-OSC5032	SMD Oscillator	5.0x3.2mm	1.000MHz to 125.000 MHz
	QKT-OSC7050	SMD Oscillator	7.0x5.0mm	1.000MHz to 150.000 MHz
	QKT-3215SMD	SMD Quartz Crystal	3.2x1.5mm	32.768 KHz
	QKT-7015SMD	SMD Quartz Crystal	7.0x1.5mm	32.768KHz
	QKT-2060DIP	Tuning Fork Crystal	Tuning Fork 2060	30KHz to 200KHz
	QKT-3080DIP	Tuning Fork Crystal	Tuning Fork 3080	30KHz to 200KHz