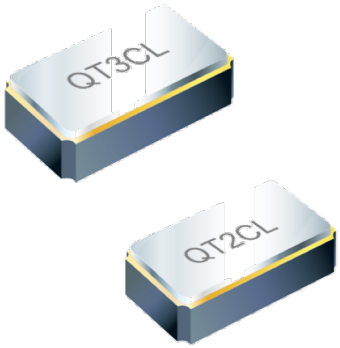
New Product Introduction



Low ESR (Effective Series Resistance)
32.768kHz Crystal

QT3CL (3.2 x 1.5mm)
QT2CL (2.0 x 1.2mm)

Technology & Innovation
A special tuning-fork (32.768kHz) crystal design, with hermetic sealing, and ceramic packaging technology.

Performance
- ESR: 50 kΩ Max. (QT3CL)
- ESR: 70 kΩ Max. (QT2CL)
- Frequency Tolerance: +/-20ppm @25C
- Load Capacitance: 4pF, 6pF, 7pF, 9pF, 12.5pF (QT3CL)
- Load Capacitance: 4pF, 12.5pF (QT2CL)
- Operating Temperature: -40C to 85C

Applications
- Wearables
- Healthcare devices
- Smart pens
- Smart controllers
- Wireless ear buds
- IoT

QST Products Proprietary