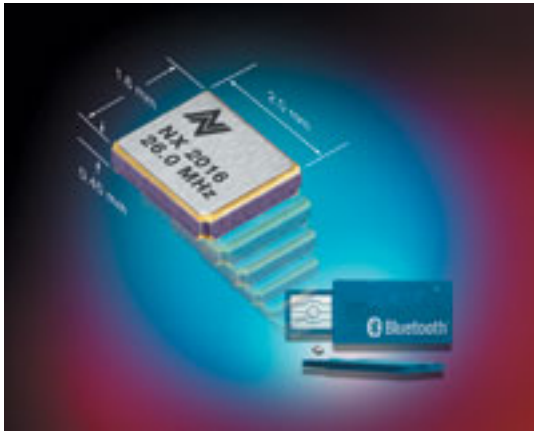


Series of Mount Crystals



NDK announces the availability of a series of ultra small, thin, surface mount crystals. The NX2016AA series measures L=2.0mm \times W=1.6mm \times H=0.45mm, measuring half the volume of any of NDK's other crystal products. These crystals operate in a fundamental frequency range of 24 to 80 MHz while weighing just 6 mg. Their frequency tolerance is \pm 15 ppm to 100 ppm over the operating temperature range of -10 to $+75$ °C. The NX2016AA maximum series ESR (equivalent series resistance) in the frequency range of 24 to 25 MHz is 100 Ω , 25 to 36 MHz is 80 Ω , and 30 to 80 MHz is 60 Ω . The drive level is 50 μ W and has a standard load capacitance of 8pF. Applications include mobile phones, Bluetooth, WLAN, Zigbee and NFC. The NX2016AA is presented in a lead-free, RoHS conformance package. They meet the requirements for re-flow profiling using lead-free solder.

www.ndk.com
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