

NIC PRODUCT PROFILE

NKC Series

SMT 32.768KHz Crystal Units

Description:

NIC Components Corp., a leader in passive component technologies, is pleased to announce a new category and new series release of 32.768KHz crystal units NKC series.

NIC's has started its lineup of timing devices with 32.768KHz focus as the standard in timekeeping and synchronization within electronic equipment. Case sizes available include 0805 (2.0 x 1.2 mm) and 1206 (3.5 x 2.5). Frequency tolerances are available in ± 10 PPM and ± 20 PPM.

Load capacitance options for each size are available down to 6.0pF with an operating temperature range of $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

The NKC Series meets PB-Free reflow conditions up to 260°C and is RoHS Compliant without exemptions, halogen free and REACH SVHC 173 compliant.

Get More Information:

Series Pages: www.niccomp.com/series/NKC

All Crystal Series: www.niccomp.com/crystals

All Timing Devices: www.niccomp.com/timing

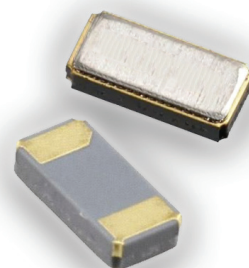
Characteristics:

Series	Size (mm)	Nominal Frequency	Frequency Tolerances	Capacitance Min.
NKC08	0805 (2.0 x 1.2 mm)	32.768KHz	± 10 ppm, ± 20 ppm	6.0pF
NKC12	1206 (3.2 x 2.5 mm)			

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- ◆ Sort by Price & Series Focus
- ◆ Lifecycle, Upgrades, and Application Focus

NICcomp.com/QB-Timing



NKC Co-Sell Products

- ◆ NGAW BT Antennas
- ◆ NGFx RF Filters
- ◆ NGDx RF Diplexers
- ◆ NGBx RF Diplexers
- ◆ High CV MLCCs
- ◆ NCB-G(H) Ghz Ferrite Chip Beads
- ◆ NTR Thin Film Chip Resistors

Cross & Replace with NKC

- ◆ Abracon ABS06, ABS07
- ◆ ECS ECX-12, ECX-34R
- ◆ Epson FC-12D, FC-12M
- ◆ Fox FX122, FX135
- ◆ NDK NX3215SA

NKC Series Target Applications

- ◆ Consumer
- ◆ Automotive
- ◆ Networking
- ◆ Smart Controls
- ◆ Wearables
- ◆ Monitoring Systems

NKC Reference Design Targets

- ◆ Texas Instruments : CC2640, CC253x, CC254x
- ◆ Nordic Semiconductor : nRF51xx, nRF52xx
- ◆ CSR : CSR1010, CSR1012/13/20
- ◆ Dialog Semiconductor : DA145xx, DA146xx
- ◆ Lapis Semiconductor : ML7125
- ◆ Toshiba : TC3566/3567FTGC



NIC Components Corp.



Cross & Replacement Support ... tpmg@niccomp.com