



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Specification of Quartz Crystal Units

- 1 NDK Part Number NX5032GA-24MHz-EXS00A-CG07040
- 2 Chipset Maker ---
- 3 Application Clock Generator
- 4 Chipset Name ---
- 5 NDK Specification Number EXS00A-CG07040
- 6 Type NX5032GA
- 7 Electrical Characteristics

| | Parameters | SYM. | Electrical Spec. | | | | Notes |
|----|--|------------------|------------------|-----|----------------------|----------------------|----------------------|
| | | | min | typ | max | Units | |
| 1 | Nominal Frequency (f _{nom}) | f _{nom} | 24.000 | | | MHz | |
| 2 | Overtone order | - | Fundamental | | | - | |
| 3 | Frequency tolerance | - | -30 | - | +30 | ppm | at +25°C |
| 4 | Frequency versus temperature characteristics *1. | - | -30 | - | +30 | ppm | at -20 to +70°C |
| 5 | Equivalent Series Resistance | R _r | - | - | 70 | Ω | PI-Network Series |
| 6 | Load capacitance | CL | - | 18 | - | pF | PI-Network |
| 7 | Level of drive | - | - | 50 | 500 | μW | |
| 8 | Insulation resistance | - | 500 | - | - | MΩ | *2. |
| 9 | Operating temperature range | Topr | -20 | - | +70 | °C | |
| 10 | Storage temperature range | Tstr | -40 | - | +85 | °C | |
| 11 | Air-tightness | - | - | - | 3.0×10 ⁻⁹ | Pa m ³ /s | Helium leak detector |

*1. The reference temperature shall be +25°C

*2. When terminal to terminal and terminal to cover were applied at DC100V ±15V.

Dimension

