



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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<p>1 NDK Part Number</p> <p>2 Chipset Maker</p> <p>3 Application</p> <p>4 Chipset Name</p> <p>5 NDK Specification Number</p> <p>6 Type</p> <p>7 Rating</p> <p>7.1 Nominal Frequency (f_{nom})</p> <p>7.2 Supply Voltage</p> <p>7.3 Current Consumption</p> <p>7.4 Output Voltage</p> <p>7.5 Operable Temperature Range</p> <p>7.6 Storage Temperature Range</p> <p>7.7 Load impedance</p> <p>7.8 DC-cut Capacitor</p> <p>8 Electrical specification</p> <p>8.1 Frequency Stability</p> <p>8.1.1 Frequency / Temperature characteristics</p> <p>8.1.2 Frequency temperature slope</p> <p>8.1.3 Frequency / Voltage coefficient</p> <p>8.1.4 Frequency / Load coefficient</p> <p>8.1.5 Frequency tolerance</p> <p>8.1.6 Long-term Frequency Stability</p> <p>8.2 Short-term frequency stability</p> <p>8.3 Start-up time</p> <p>8.4 Stabilization Time</p> <p>8.5 Harmonic distortion</p> <p>8.6 Symmetry</p> <p>8.7 Phase Noise</p>	<p>NT2016SA-16.368000 MHz-NTG1</p> <p>TEXAS INSTRUMENTS</p> <p>GPS on mobile phone</p> <p>NL5350</p> <p>NSA0345B</p> <p>NT2016SA</p> <p>16.368 MHz (3 digits marking without the decimal point: 163)</p> <p>+2.5 V +/-0.1 V DC (-Earth)</p> <p>Max. 1.5 mA</p> <p>Min. 0.8 V_{p-p} Clipped sine wave (DC-Coupling)</p> <p>-30 to +85 °C</p> <p>-40 to +85 °C</p> <p>10 kΩ // 10 pF</p> <p>DC-cut capacitor of output is not put in TCXO. Please add DC-cut capacitor (1000 pF) in output line.</p> <p>Max. +/-0.5 ppm / -10 to +70°C</p> <p>Max. +/-1.5 ppm / -30 to -10°C, +70 to +85°C (Based on frequency at +25 +/-2 °C)</p> <p>Max. +/-0.05 ppm/°C / -10 to +70°C</p> <p>Max. +/-0.1 ppm/°C / -30 to -10°C, +70 to +85°C (Minimum of one measurement every 2 °C)</p> <p>Max. +/-0.1 ppm / +2.5 V +/-0.1 V</p> <p>Max. +/-0.2 ppm / (10 kΩ // 10 pF) +/-10%</p> <p>Max. +/-2.0 ppm (at +25 +/-2 °C, after 2times reflow soldering, based on nominal frequency)</p> <p>Max. +/-1.0 ppm / year</p> <p>Max. 1.0 ppb (Tau=0.1s)</p> <p>Max. 2.0 ms (to 90% of output amplitude)</p> <p>Max. 2.0 ms (Within +/-0.5ppm of final frequency)</p> <p>Max. -5.0 dBc</p> <p>40 to 60 %</p> <p>Max. -86 dBc/Hz (at 10 Hz offset)</p> <p>Max. -112 dBc/Hz (at 100 Hz offset)</p> <p>Max. -134 dBc/Hz (at 1k Hz offset)</p> <p>Max. -148 dBc/Hz (at 10k Hz offset)</p> <p>Max. -150 dBc/Hz (at 100k Hz offset)</p>
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9 Dimension of external (Unit: mm)

