



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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1	NDK Part Number	NX3225GA-26.000MHz-EXS00A-CG01972
2	NDK Specification Number	EXS00A-CG01972
3	Type	NX3225GA
4	Chipset Maker	TEXAS INSTRUMENTS
5	Application	Smart meter , Zigbee
6	Chipset Name	NA
7	Chipset Number	Smart meter: CC430 , Zigbee:CC1101
8	End User	Smart Grid market
9	Electrical Characteristics	
9.1	Nominal Frequency (f_{nom})	26.000 MHz
9.2	Overtone order	Fundamental
9.3	Frequency Tolerance	$\pm 20 \times 10^{-6}$ max. (+25 °C)
9.4	Frequency Versus Temperature Characteristics	$\pm 40 \times 10^{-6}$ max. (-40 ~ +85 °C) The reference temperature shall be +25 °C
9.5	Equivalent Series Resistance (R_r)	50 Ω max.
9.6	Shunt Capacitance (C_0)	1.2 \pm 0.3 pF
9.7	Motional Capacitance (C_1)	4.8 fF \pm 30 %
9.8	Motional Inductance (L_1)	7.8 mH \pm 30 %
9.9	Pulling Sensitivity	19.1 $\times 10^{-6}$ /pF \pm 30 % (where $C_L = 10$ pF)
9.10	Maximum Drive Level	200 μ W max.
10	Measurement Circuit	
10.1	Frequency Measurement	
10.1.1	Measuring Instrument	π -network (IEC)
10.1.2	Load Capacitance (C_L)	10 pF
10.1.3	Level of Drive	10 μ W
10.2	Equivalent Resistance Measurement	
10.2.1	Measuring Instrument	π -network (IEC)
10.2.2	Load Capacitance (C_L)	Series
10.2.3	Level of Drive	10 μ W
11	Operable Temperature Range	-40 ~ +85 °C
12	Storage Temperature Range	-40 ~ +85 °C
13	Dimension	

(Unit: mm)

