

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: NX2520SG-19.2M-EXS00A-CS04340
- 2 Chipset Maker: Qualcomm
- 3 Application: Connectivity (NB-IOT, Modem for mobile)
- 4 Chipset Name: MDM9206, MDM9207, Snapdragon series
- 5 NDK Specification Number: EXS00A-CS04340
- 6 Type: NX2520SG
- 7 Electrical Characteristics

	Parameters	SYM.	Electrical Spec.			Units	Notes
			min	typ	max		
1	Nominal Frequency (f _{nom})	f _{nom}	19.200			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-10	-	+10	ppm	at +30°C
4	Frequency versus temperature characteristics *1.	-	-12	-	+12	ppm	at -30 to +85°C
5	Equivalent Series Resistance	R _r	-	-	70	Ω	IECπ -Network Series
6	Load capacitance	CL	-	7	-	pF	IECπ -PI-Network
7	Level of drive	-	-	10	100	μW	
8	Shunt Capacitance	C ₀	-15%	0.85	+15%	pF	
9	Motional Capacitance	C ₁	-15%	2.2	+15%	fF	
10	Motional Inductance	L ₁	-15%	31.2	+15%	mH	
11	Insulation resistance	-	500	-	-	Ω	*2
12	Operating temperature range	-	-30	-	105	°C	
13	Storage temperature range	-	-40	-	105	°C	
14	Air-tightness	-	-	-	1.1×10 ⁻⁹	Pa m ³ /s	Helium leak detector

*1. The reference temperature shall be +30°C

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

Dimension

