Specification of Quartz Crystal Units

1	**NDK Part Number**	NX2520SA-19.200000MHz-NBG1
2	**Chipset Maker**	Please contact us
3	**Application**	Multimedia processor on mobile phone
4	**Chipset Name**	Please contact us
5	**NDK Specification Number**	EXS00A-CS05400
6	**Type**	NX2520SA
7	**Electrical Characteristics**	
7.1	Nominal Frequency (f_{nom})	19.200 MHz
7.2	Overtone order	Fundamental
7.3	Adjustment tolerance	±20 x 10^{-6} max.
7.4	Tolerance over the temperature range	±30 x 10^{-6} max. (at -30 to +85 °C)
7.5	Equivalent Series Resistance (R_r)	60 Ω max.
7.6	Maximum Drive Level	200 μW max.
7.7	Aging (at +25 °C)	± 5 x 10^{-6} max./1year
8	**Measurement Circuit**	
8.1	Frequency Measurement	
8.1.1	Measuring Instrument	π-network (IEC)
8.1.2	Load Capacitance (C_L)	13 pF
8.1.3	Level of Drive	10 μW
8.2	Equivalent Resistance Measurement	
8.2.1	Measuring Instrument	π-network (IEC)
8.2.2	Load Capacitance (C_L)	Series
8.2.3	Level of Drive	10 μW
9	**Operating Temperature Range**	-30 ~ +85 °C
10	**Storage Temperature Range**	-40 ~ +85 °C
11	**Dimension**	

(Unit: mm)