

## Specification of Crystal Unit

1	NDK PART NUMBER	NX3225SA-16.000000MHZ-T1
2	CHIPSET MAKER	NXP (PHILIPS)
3	APPLICATION	TV ON MOBILE PHONE
4	CHIPSET NAME	NA
5	Type	NX3225SA
6	Electrical characteristics	
6.1	Nominal frequency(F0)	16.000MHz
6.2	Overtone order	Fundamental
6.3	Adjustment tolerance	$\pm 10 \times 10^{-6}$ max. (+25 °C)
6.4	Tolerance over the temperature range	$\pm 10 \times 10^{-6}$ max. (-20~+70 °C) The reference temperature shall be +25 °C.
6.5	Equivalent resistance (R1)	60Ω max.
6.6	Shunt Capacitance (C0)	
6.7	Maximum Drive Level	
7	Measurement circuit	
7.2	Frequency measurement	
7.1.1	Measuring instrument	$\pi$ circuit
7.1.2	Load capacitance(CL)	10pF
7.1.3	Level of drive	10μW
7.2	Equivalent resistance measurement	
7.2.1	Measuring instrument	$\pi$ circuit
7.2.2	Load capacitance(CL)	Series
7.2.3	Level of drive	10μW
8	Dimension	

