

## Specification of TCXO

1	NDK PART NUMBER	NT3225SA-19.200000MHz-T2
2	CHIPSET MAKER	NXP (PHILIPS)
3	APPLICATION	TV on mobile phone
4	CHIPSET NAME	NA
5	RATING	
5.1	OUTPUT FREQUENCY	19.2MHz
5.2	SUPPLY VOLTAGE	+2.8VDC
5.3	CURRENT CONSUMPTION	1.5mA MAX.
5.4	OUTPUT VOLTAGE	0.8Vp-p CLIPPED SINEWAVE (DC-CUT)
5.5	OPERATING TEMP. RANGE	-30°C TO +75°C
5.6	STORAGE TEMP. RANGE	NA
5.7	LOAD	10kΩ//10pF
6	ELECTRICAL SPECIFICATION	
6.1	FREQUENCY STABILITY	
6.1.1	TEMP. VARIATION OF (-30°C TO +75°C)	±2.5 ppm MAX. (BASED ON FREQUENCY AT +25°C±2°C)
6.1.2	SUPPLY VARIATION OF (+2.85V±0.15V)	±0.3 ppm MAX.
6.1.3	LOAD VARIATION OF (10KΩ//10PF)±10%	±0.2 ppm MAX.
6.1.4	AGING	NA
6.1.5	FREQUENCY TOLERANCE OF (+25°C±2°C)	±1.5 ppm MAX. (BASED ON NOMINAL FREQUENCY)
6.2	EXTERNAL ADJUSTMENT	
6.2.1	INPUT VOLTAGE	+1.2±1.0VDC
6.2.2	FREQUENCY ADJUSTMENT	±9.0 TO ±15.0 ppm MAX.
6.2.3	RESPONSE SLOPE	POSITIVE
6.2.4	INPUT IMPEDANCE	NA
7	DIMENSION	

