

Specification of TCXO

1	NDK PART NUMBER	NT3225SA-26.000000MHZ-G7
2	CHIPSET MAKER	ADI
3	APPLICATION	Othello One TV
4	CHIPSET NAME	NA
5	RATING	
5.1	OUTPUT FREQUENCY	26MHz
5.2	SUPPLY VOLTAGE	+2.7 +/- 0.1VDC
5.3	CURRENT CONSUMPTION	2.0mA MAX.
5.4	OUTPUT VOLTAGE	150 to 450mVms (0.43 to 1.27Vp-p)
5.5	OPERATING TEMP. RANGE	-20°C TO +75°C
5.6	STORAGE TEMP. RANGE	-40°C TO +85°C
5.7	LOAD	(10kΩ//3.5pF)+/-10%
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)	±0.2 ppm MAX.
6.1.3	LOAD VARIATION OF (10KΩ//10PF)±10%	±0.2 ppm MAX.
6.1.4	AGING	±1.0 ppm MAX/year
6.1.5	FREQUENCY TOLERANCE OF (+25°C±2°C)	±1.0 ppm MAX. (at VC=1.5V, +25deg +/-2deg, before reflow) ±2.0 ppm MAX. (at VC=1.5V, +25deg +/-3deg, after reflow 24H)
6.2	EXTERNAL ADJUSTMENT	
6.2.1	INPUT VOLTAGE	+1.5±1.0VDC
6.2.2	FREQUENCY ADJUSTMENT	±9.0 TO ±16.0 ppm MAX.
6.2.3	RESPONSE SLOPE	POSITIVE
6.2.4	INPUT IMPEDANCE	500kΩ min.

7 DIMENSION

