

1	NDK PART NUMBER	NT3225SA-52MHz-S1
2	CHIPSET MAKER	Free Scale
3	APPLICATION	GSM
4	CHIPSET NAME	Python
5	RATING	
5.1	OUTPUT FREQUENCY	52MHz
5.2	SUPPLY VOLTAGE	+2.4 +/- 0.1VDC
5.3	CURRENT CONSUMPTION	2.3mA MAX.
5.4	OUTPUT VOLTAGE	0.8Vp-p min. Clipped sine wave(DC-Coupling)
5.5	OPERATING TEMP. RANGE	-30°C TO +85°C
5.6	STORAGE TEMP. RANGE	-40°C TO +85°C
5.7	LOAD	(10kΩ//10pF)
6	ELECTRICAL SPECIFICATION	
6.1	FREQUENCY STABILITY	
6.1.1	TEMP. VARIATION OF (-30°C TO +85°C)	±2.5 ppm MAX. (BASED ON FREQUENCY AT +25°C±2°C)
6.1.2	SUPPLY VARIATION OF (+2.4V±0.1V)	±0.1ppm MAX.
6.1.3	LOAD VARIATION OF (10KΩ//10PF)±10%	±0.2 ppm MAX.
6.1.4	AGING	±2.0 ppm MAX/year
6.1.5	FREQUENCY TOLERANCE OF (+25°C±2°C)	±1.5ppm MAX. (at VC=2.4V, +25deg +/-2deg, before reflow)
6.1.6	DUTY CYCLE	46.5 TO 53.5%
6.1.7	NDK SPEC	END3673A
7	DIMENSION	

