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| 1 | NDK PART NUMBERL | NT2520SA-26.000000MHz-A1 |
| 2 | CHIPSET MAKER | NXP |
| 3 | APPLICATION | GSM |
| 4 | CHIPSET NAME | N/A |
| 5 | RATING | |
| 5.1 | OUTPUT FREQUENCY | 26MHz |
| 5.2 | SUPPLY VOLTAGE | +2.4+/- 0.1VDC |
| 5.3 | CURRENT CONSUMPTION | 1.1mA MAX. |
| 5.4 | OUTPUT VOLTAGE | 0.8 Vp-p MIN. CLIPPED SINE WAVE(DC-Coupling) |
| 5.5 | OPERATING TEMP. RANGE | -30°C TO +75°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 +75°C) | ±2.5 ppm MAX. (BASED ON FREQUENCY AT +25°C±2°C) |
| 6.1.2 | SUPPLY VARIATION OF (+2.4V±0.1V) | ±0.2 ppm MAX. |
| 6.1.3 | LOAD VARIATION OF (10KΩ//10PF)±10% | ±0.2 ppm MAX. |
| 6.1.4 | AGING | ±2.0 ppm MAX/ 5year |
| 6.1.5 | FREQUENCY TOLERANCE OF (+25°C±2°C) | ±2.5ppm MAX. (at VC=2.5V, +25deg +/-2deg, after 2 reflows) |
| 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 | Duty cycle | 40 to 60% |

7 DIMENSION

