

VCC1-103, 105 Crystal Oscillators

Featuring

- 3.0 or 5.0 Vdc Option
- Low Cost
- 1.544 to 51.840 MHz
- Tristate Option
- TTL/CMOS Compatible



Frequency Range 1.544 MHz to 51.840 MHz

Standard Frequencies See [Standard Frequency Table](#)

Package Options C1 = 7.5 x 5 x 1.8 mm tall 4 pads

Voltage Options/ 103 = +3.3 Vdc $\pm$ 10 % 15 pF
Load Drive 105 = +5.0 Vdc $\pm$ 10 % 30 pF

Electrical Tristate 55/45 Symmetry

Tristate N/C = OUTPUT
 Logic 1 = OUTPUT
 Logic 0 = High Impedance

Stability $\pm$ 20 PPM 0°C to 70°C for 10 years, all parameters*
 (Typical stability vs temperature 0°C to 70°C $\pm$ 10 PPM)

Start-Up 10 ms Maximum

Standard Load C1 = HCMOS/TTL

Current 15 mA Maximum <20 MHz
 50 mA Maximum <51.84 MHz

Standard Packaging Tape & Reel (1000 pc minimum reel)

***Note:** All parameters include aging, initial accuracy, thermal stability, load, solder reflow, vibration.

