

VCA1 14 Pin DIP Crystal Oscillators

Featuring

- 3.0 or 5.0 Vdc Option
- Low Cost
- 1 to 160 MHz
- Enable/Disable Option
- TTL/CMOS Compatible



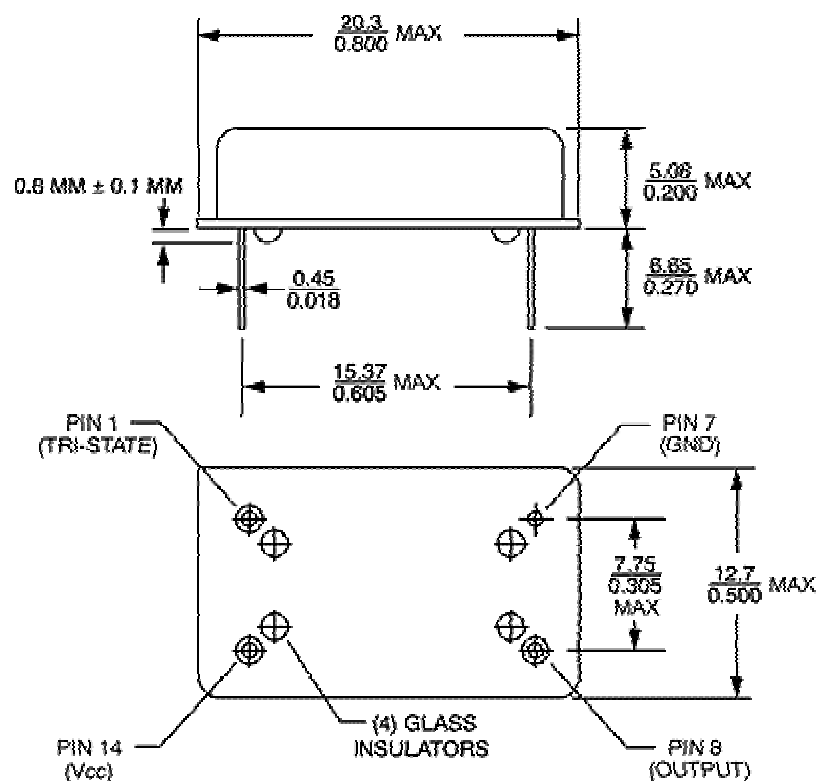
Frequency Range	32.768 KHz to 160 MHz
	80 MHz to 160 MHz uses a low jitter internal (<50 ps) multiplier IC which will also affect phase noise performance.
Standard Frequencies	See Standard Frequency Table
Package Option	A1 = 0.8" x 0.5" x 0.2" 14 pin DIP
Voltage Options	<p>A = +5.0 Vdc ±10% 15pF</p> <p>B = +3.3 Vdc ±10% 15pF</p> <p>C = +3.0 Vdc ±5% 15pF</p> <p>E = +5.0 Vdc ±10% 50pF</p> <p>F = +3.3 Vdc ±5% 50pF</p>
Electrical Options	<p>0 = No Tristate 60/40 Symmetry</p> <p>1 = Tristate 60/40 Symmetry</p> <p>2 = No Tristate 55/45 Symmetry</p> <p>3 = Tristate 55/45 Symmetry</p> <p>5 = Enable Option 60/40 Symmetry</p> <p>6 = Enable Option 55/45 Symmetry</p>
Enable/Disable	<p>Logic 1 = Enable</p> <p>Logic 0 = Disable</p>
Stability Options	<p>A = ±100 PPM 0°C to +70°C</p> <p>B = ±50 PPM 0°C to +70°C</p> <p>C = ±100 PPM -40°C to +85°C</p> <p>D = ±50 PPM -40°C to +85°C</p> <p>E = ±25 PPM 0°C to +70°C</p> <p>F = ±25 PPM -40°C to +85°C</p> <p>G = ±20 PPM 0°C to +70°C</p> <p>H = ±10 PPM 0°C to +70°C (VCA3, VCA 4 only)</p>

Start-Up	10 ms Maximum
Aging	<5.0 PPM/year at +40°C dynamic
Load	HCMOS/TTL
Current	50 mA Maximum
Standard Packaging	Anti Static Tubes
Typical P/N	VCA1-A1A-125M000

A1 = 0.8" x 0.5" x 0.2" 14 pin DIP
A = +5.0 Vdc
1 = Tristate 60/40 symmetry
A = ±100 PPM 0°C to +70°C

[Generate your own part number!](#)

We welcome your custom requests and will issue a custom part number for items that are not listed.



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