

VCA3 14 Pin 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 A3 = 0.8" x 0.5" x 0.4" max 4 pin thru-hole

Voltage Options

- A = +5.0 Vdc $\pm 10\%$ 15pF
- B = +3.3 Vdc $\pm 10\%$ 15pF
- C = +3.0 Vdc $\pm 5\%$ 15pF
- E = +5.0 Vdc $\pm 10\%$ 50pF
- F = +3.3 Vdc $\pm 5\%$ 50pF

Electrical Options

- 0 = No Tristate 60/40 Symmetry
- 1 = Tristate 60/40 Symmetry
- 2 = No Tristate 55/45 Symmetry
- 3 = Tristate 55/45 Symmetry
- 5 = Enable Option 60/40 Symmetry
- 6 = Enable Option 55/45 Symmetry

Enable/Disable Logic 1 = Enable
Logic 0 = Disable

Stability Options

- A = ± 100 PPM 0°C to +70°C
- B = ± 50 PPM 0°C to +70°C
- C = ± 100 PPM -40°C to +85°C
- D = ± 50 PPM -40°C to +85°C
- E = ± 25 PPM 0°C to +70°C
- F = ± 25 PPM -40°C to +85°C
- G = ± 20 PPM 0°C to +70°C
- H = ± 10 PPM 0°C to +70°C

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

VCA3-A0A-125M000

A3 = 0.8" x 0.5" x 0.4" 14 pin DIP

A = +5.0 Vdc

0 = No 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.

