

8 PIN CLOCK OSCILLATORS

APPLICATIONS: These 008 Series clock oscillators are offered with standard clock frequencies as well as HF or high frequencies up to 125.000 MHz. Telecom, computer and chipsets are typical applications.

Typical Electrical Characteristics

Frequency Range : 1.544 MHz to 125.0 MHz

Supply Voltage : 5.0V $\pm$ 10%, 3.3V $\pm$ 10%

Output Symmetry : 40% Min- 60% Max,
45% Min- 55% Max

Rise Time (T_R) : .5V to 4.5V / 5nS

Fall Time (T_F) : 4.5V to .5V / 5nS

Current Consumption :

1.544-25.0000 MHz 25 mA typical

25.00-50.0000 MHz 35 mA typical

50.00-80.0000 MHz 50 mA typical

80.00-125.000 MHz 65 mA typical

Frequency Tolerance

A = ± 10 ppm

B = ± 25 ppm

C = ± 50 ppm

D = ± 100 ppm

S = SPECIAL

Operating Temp Range

A. 0°C to 70°C

B. -20°C to 70°C

C. -30°C to 80°C

D. -40°C to 85°C

E. -55°C to 105°C

S. SPECIAL

Options: 0082= Enable Pin 1
008T= TriState Enable Pin1
008N= No Connect Pin1
008G=Gull Wing SMD

Output Load: TTL, HCMOS (15pf to 50 pf)

