

N33xx Model
14 Pin Dip, **3.3V, HCMOS**



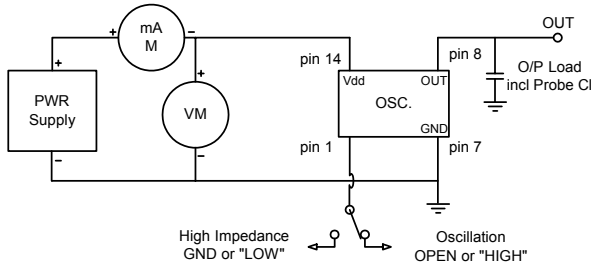
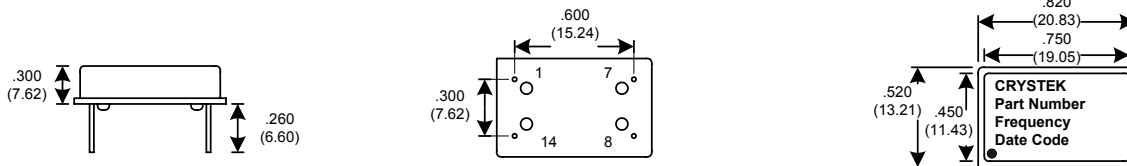
Clock Oscillator



Designed to meet today's requirements for low jitter applications. The oscillator utilizes fundamental and 3rd overtone crystal technology. No multiplier is used thereby reducing output jitter.

Frequency Range: 1.544MHz to 125MHz
Frequency Stability: ±10ppm to ±100ppm
Temperature Range:
 Operating: 0°C to 70°C
 (Option) -40°C to 85°C
Storage: -55°C to 120°C
Input Voltage: 3.3V ± 0.3V
Input Current: 40mA Max
Output: HCMOS
 Symmetry: 45/55% Max @ 50% Vdd
 Rise/Fall Time: 4ns Typ, 6ns Max
 Logic: "0" = 10% Vdd Max
 "1" = 90% Vdd Min
 Load: 30pF Max
Jitter RMS: 5ps Typ, 10ps Max

Aging: <3ppm 1st/yr, 1ppm every year thereafter



Crystek Part Number Guide		
Example: N3392-44.736		
Example: NE3392-44.736		
Temperature		Frequency Stability
0/ 70°C	-40/ 85°C	
N3390	NE3390	+/- 100ppm
N3392	NE3392	+/- 50ppm
N3391	NE3391	+/- 25ppm
N3398	NA	+/- 20ppm
N3397	NA	+/- 10ppm

Tri-State Function	
Function pin 1	Output pin
Open	Active
"1" level 2.4V Min	Active
"0" level 0.4V Max	High Z

Specifications subject to change without notice.

TD-02071 Rev. B

