

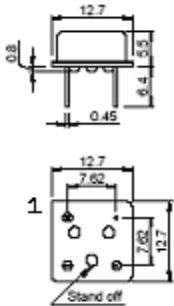
# NM32768

## Low Frequency Oscillator

The NM32768 is a custom manufactured precision half size oscillator. It is designed for use with our FPGA development system, although it can be used in any application using a standard half size oscillator footprint. The low frequency allows FPGA/CPLD projects based around a time base of 1 second with few internal dividers.

### Specification

Frequency	32.768KHz
Frequency Stability	± 50 PPM
Operating Temp range	0 °C – 70 °C
Storage temp	-40 °C - +85°C
Supply Voltage	+5VDC ±0.5V
Supply Current	15mA max
“0” / “1” level	+0.5 V max / 4.5 V min
Symmetry	40/60 % @ 2.5V
Rise and Fall time	10ns max
Startup time	15ms max
Fan out	15pF // 10 TTL



Pin Connections	
1	Enable
7	Gnd
8	Output
14	5Volts

