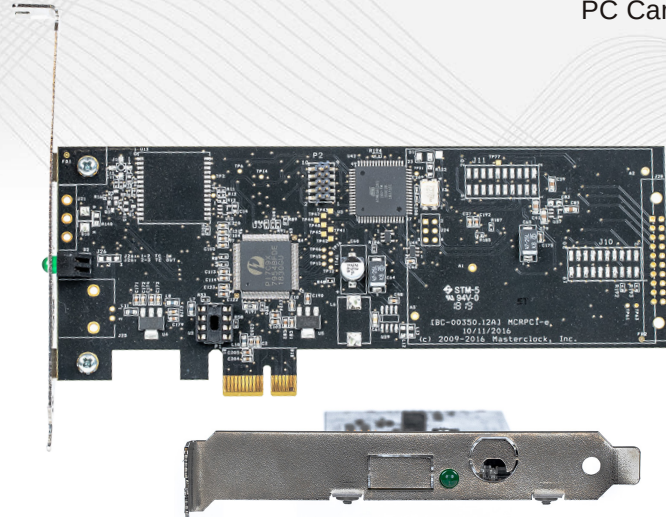


## Standard Features

- Provides millisecond accuracy to Windows applications
- Fully configurable time zone and Daylight Saving Time offsets
- PCIe revision 2.0 – slot compatible X1 through X16
- LED status indicator



## Specifications

### TIME GENERATION ACCURACY

- Internal battery-backed real-time clock chip provides accuracy of  $\pm 1\text{min/year}$

### SUPPORTED DRIVERS

- Windows XP (32 bit)
- Windows 7/8/10 (32 & 64 bit)
- Windows Server 2003 R2/2008 R2/2010 R2/2012 R2/2016
- Linux

### SOFTWARE

- API software development kit and documentation is provided for designers
- Windows OS requires Net Framework 4.0 and a Windows Visual Studios C++ to be installed

### PHYSICAL

- Length: 6.6 in (167.6 mm), Height: 2.712 in (68.8 mm)
- Low profile card and bracket standard; Full height bracket included

### OPERATING PARAMETERS

- Temperature: 0 to 60 °C
  - MTBF: 1,570,000
- All calculated using Fixed/Ground Mil HDBK 217F assumption

### COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

### HIGH-STABILITY OSCILLATOR OPTIONS

- HSO-1 with TCXO provides accuracy of  $\pm 3$  seconds/year
- HSO-2 with OXCO provides typical stability of  $\pm 250\text{ms/year}$  after 30 days of aging

Freq = 10 Mhz	HSO-1	HSO-2
Oscilator Type	TCX0	0CX0
Freq. Stability	$\pm 2.5 \times 10^{-6}$	$\pm 5 \times 10^{-9}$
Aging Stability per yr	$\pm 1 \times 10^{-6}$	$\pm 1 \times 10^{-8}$
Drift per year	$\pm 3$ seconds	$\pm 0.3$ seconds

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