

# PCI Express Dump Switch

Engineering Tools and Fixtures

## PCI Express Dump Switch Card

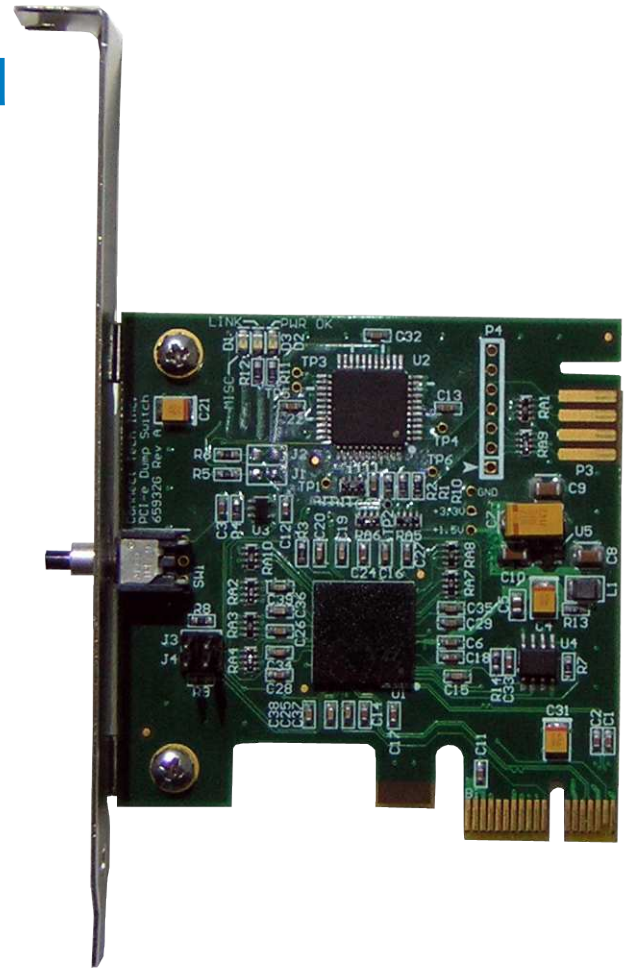
This development tool debugs system hangs with ease to save you time and frustration. It is essential hardware for every developer.

Often software gets “locked up” and system hangs occur during lengthy test cycles. When a system freezes during development and/or testing, a hardware reset will result in the loss of crucial system information that could be used to analyze the source of the problem.

Instead of spending hours of valuable time trying to reproduce the cause of the system hang, the PCI Express Dump Switch card identifies bugs at the push of a button. An exterior button on the Dump Switch triggers a Non-Maskable Interrupt (NMI), which enables a crash dump or drops execution into your operating system’s debugger. This dump action preserves the information that would normally be lost during a reset.

## Specifications

- x1 lane PCI Express (PCI Express 1.1 compliant)
- Operating temperature range of 0°C to 65°C
- Push button generation of Non-Maskable Interrupt
- Transparent PCIe to PCI Bridge
- SERR generation circuit
- Standard MD1 low profile format (2.57” long)
- Compatible with all Windows and UNIX based operating systems



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