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Introduction

This PCI card provides eight Time to Digital Converter (TDC) channels based on the LVPECL logic technology, sampling at the maximum rate of 2.5 GHz.

Characteristics

- Eight independent Time-to-Digital Converter channels
- Stores up to 64 million hit-times
- Resolution of 0.4 ns
- Average event rates from 500 kHz up to 5 MHz
- Peak event rate of 1.25 Gevents/s/channel
- On-board digital signal processing by a DSP and FPGA
- 512 MByte of local memory

