

High-Speed Data Acquisition (DAQ)



DrawCom data acquisition products are designed with a master-slave operation feature that allows for connecting multiple DAQ boards together to create a simultaneous multi-channel acquisition system. In master-slave operation, the master board drives the clock and trigger signals for the slave boards so that data on the slave boards aligns sample-for-sample with the data on the master board.

Key Features

- 2 Channels, 160 MHz Sample Rate Each
- 16-bit A/D Resolution
- Link 4 Boards for 8 Channels
- Bandwidth from DC-700 MHz
- 512MB Onboard Memory
- 500 MB/sec SAB (640 MB/s Pending)
- 500 MB/sec 64-bit PCI-X
- Onboard Clock Synthesizer Accurately Tunes all Frequencies from ~0 to 125 MHz and Most Other Frequencies up to 160 MHz
- Onboard Gigabit Ethernet Port
- Xilinx Virtex ® 4 FX20/60 FPGA
- Full length PCI 64-bit Board

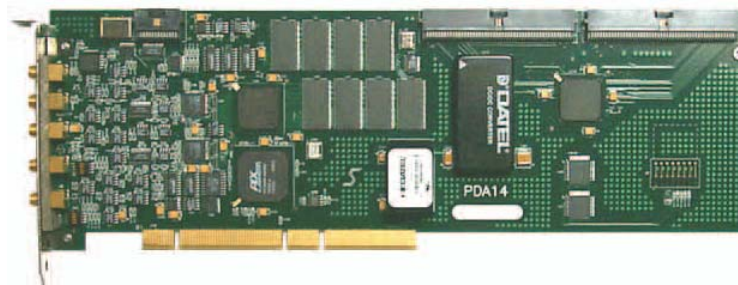


PDA16

High-Speed Data Acquisition (cont.)

Key Features

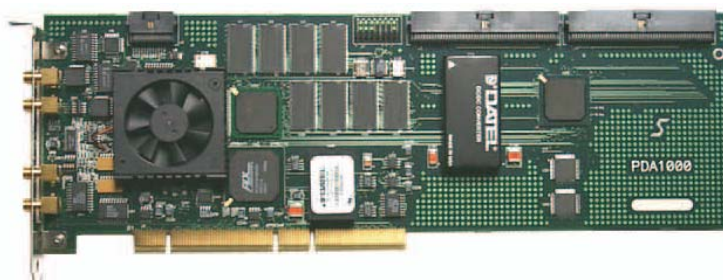
- 2 Channels, 100 MHz Sample Rate Each or 1 Channel, 200 MHz Sample Rate
- 14-bit or 8-bit A/D Resolution
- Link 6 Boards for 12 Channels or Link 6 Boards for 6 Channels
- Bandwidth from DC-50 MHz
- 512MB Onboard Memory
- 500 MB/sec SAB
- 266 MB/sec 64-bit PCI
- Full length PCI 32/64-bit Board



PDA14/ PDA14-200

Key Features

- 1 Channel, 1 GHz Sample Rate
- 8-bit A/D Resolution
- Link 6 Boards for 6 Channels
- Bandwidth from DC-500 MHz
- 256MB Onboard Memory
- 500 MB/sec SAB
- 266 MB/sec 64-bit PCI
- Full length PCI 32/64-bit Board



PDA1000