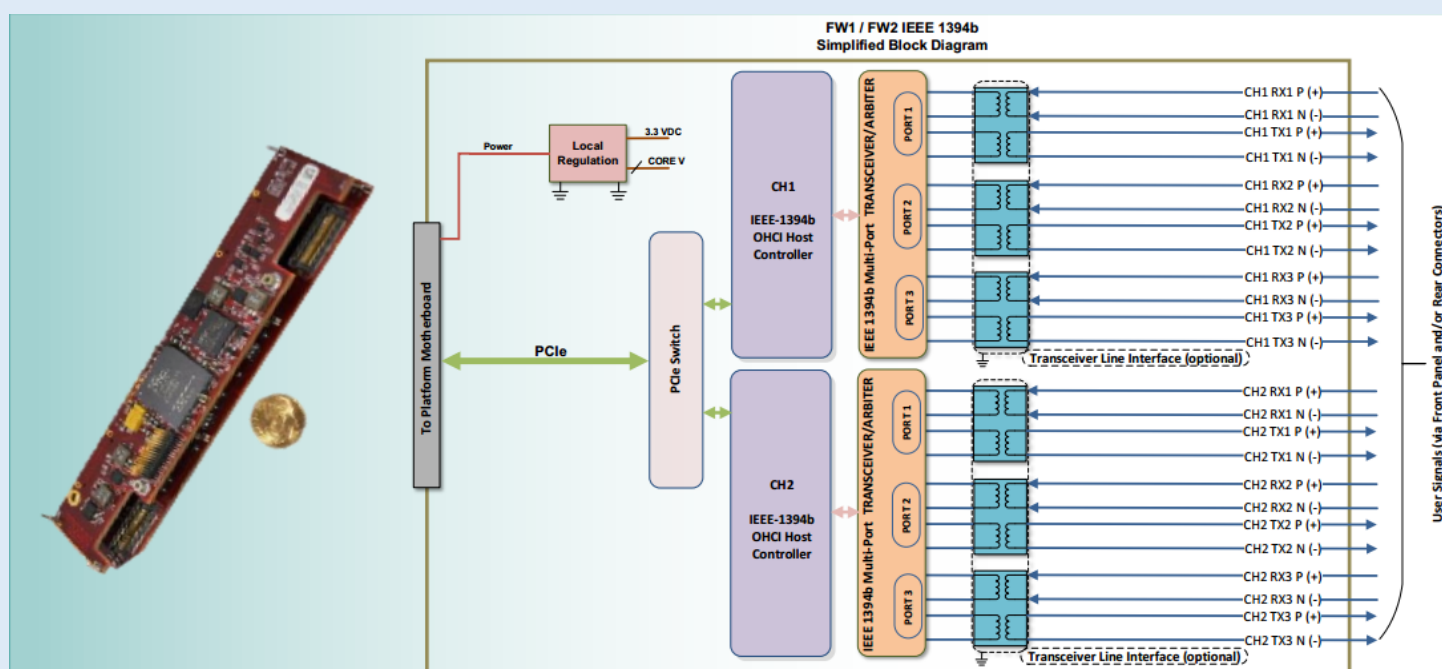


**IEEE 1394 (FireWire)** - NAI's FireWire smart function modules provide IEEE 1394 (Firewire) high-speed serial communications. Two models are available from NAI and provide a direct PCIe interface to the local (on-board) processor or an external host processor for board platforms that support external PCIe connectivity. These module(s) are not supported with the classic memory register-based NAIbrd Software Support Kit (SSK) API libraries and support device control and management via standard native OS (Linux) FireWire device driver.

Module	Description
FW1	Dual-Channel, Tri-port per channel, for extended cabling up to 20 meters
FW2	Dual-Channel, Tri-port per channel, for extended cabling up to 4.5 meters



## Features

- Channel Capacity (maximum) - 2 Channel, Tri-port per channel
- Dual Channel IEEE1394b - Open host controller/link-layer controller with a 3-port 1394b PHY per Channel
- IEEE 1394b Compatibility - IEEE 1394b / AS5643 Hardware Compatible
- OHCI / Physical Interface (PHY) - IEEE 1394b OHCI with 3-Port Phy
- Throughput / Data Rate Supported - Full x1 PCI Express (PCIe) throughput (aggregate)
  - IEEE 1394a data speeds of S100, S200 and S400
  - IEEE 1394b data speeds of S400B and S800B

For additional information contact ティー・ピー・ティー株式会社 (TPT K.K.)

[www.tpotech.co.jp](http://www.tpotech.co.jp)

Telephone: 81-3-5832-7350

TPT KK: [Contact](#)

Rev. A