

DK86697

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Version 1.0

FireStream155 Customer Development Kit

FML/NPD/FS155_CDK/FL/1887

The **FireStream155** Customer Development Kit comprises an ATM Network Interface Card (NIC) and supporting software. This provides the user with a complete reference design using the **FireStream155** ATM 155Mbps ATM SAR device, reducing time to market for many applications.

Hardware

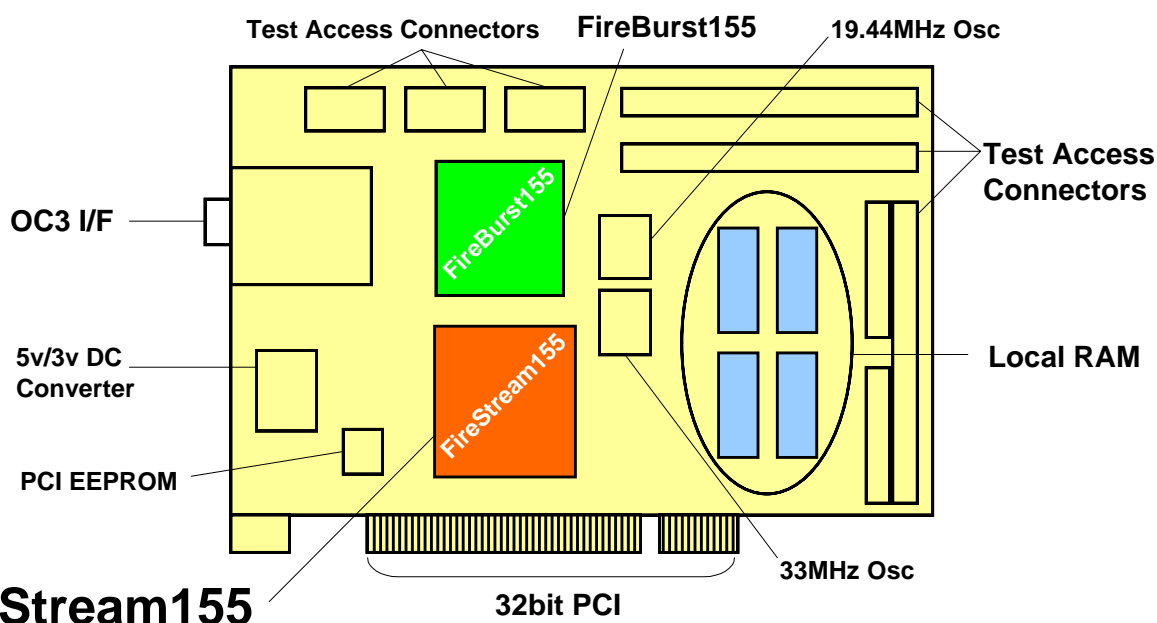
- 33MHz 32bit 5v half-length PCI Optical NIC incorporating the **FireStream155** ABR SAR
- Hardware supports 4k bidirectional VCs
- On-board EEPROM for PCI Configuration
- 155Mbps MMF Optical Interface
- Industry standard high-density test access connectors also allow the addition of memory to support more channels

Software

- Comprehensive C/C++ drivers for the **FireStream155** developed with Telenetworks
- Win95 demonstration package using the drivers to Tx/Rx packets on multiple channels and traffic types
- Win95 UNI LANE demonstration

Documentation

- Driver User Guide and Driver Porting Documentation
- Complete Hardware schematics and layout data

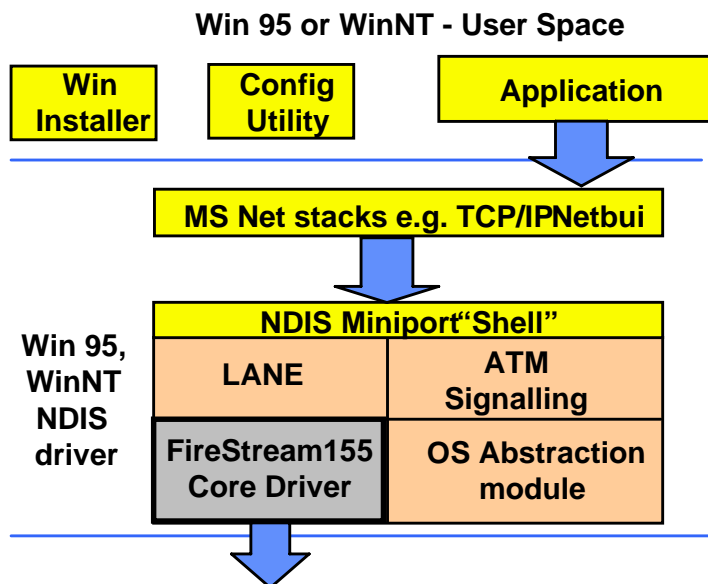


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Software Detail

- **Level 1:** Complete C/C++ source code, Driver Porting documentation and Driver User Guide for **FireStream155** SAR driver. Driver is OS independent and can be re-compiled to run on any platform.
- **Level 2:** Source and executable Win95 demonstration providing sample software design using the Level 1 drivers. Demonstration runs under Microsoft Visual C++ so the user can analyse SAR driver code as it executes.
- **Level 3:** LANE demo software allows user to have real-time applications running across **FireStream155**.

Full documentation pack provided.



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