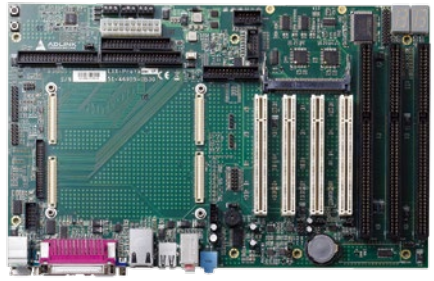
ETX-Proto

ETX® Reference Carrier Board in ATX Form Factor

Features

- Four PCI slots, three ISA slots, one Mini PCI slot
- POST code diagnostics
- Secondary Multi I/O
- Disk-On-Chip and CF card support
- Audio amplifier



Specifications

Core System

Core Module Interface
ETX® ver 2.7 (3.0)

Board Form Factor
304.8 mm x 190 mm (ATX)

Expansion Busses
Four 32-bit PCI slots
Three16-bit ISA slots
One Mini PCI slot

POST LEDs
Onboard diagnostics for BIOS POST codes

IDE Support
Four IDE devices (two connectors)

Parallel Port
One port SSP, ECP, and EEP mode

Serial Port
Two 16550 compatible RS-232 ports (COM1/2)
Two additional ports COM3/4 from secondary multi I/O

KB/Mouse
Two 6-pin mini DIN connectors (on rear I/O panel)

USB
Four ports (on rear I/O panel) v1.1 and v2.0 compatible

LAN
RJ-45 (on rear I/O panel)

Secondary Multi I/O

FDD
Up to two floppy drives

Serial
One 16550 compatible RS-232 ports (COM3), one RS-232/422/485
Compatible port (COM4) and one IrDA header

Parallel
Secondary parallel port

GPIO
F75111R provides 20 GPIO.

Audio

Type: Onboard amplifier with Line-In, Speaker-out and Mic (on rear I/O panel)
Line-In/Out, Speaker-out

Video

VGA: DB25 connector for analog VGA displays (on rear I/O panel)
LVDS: Onboard header supporting 36-bit LVDS
TV-out: Onboard header for PAL/NTSC TV
TV-out (NTSC, PAL), LVDS 32-bit

POST Code Display

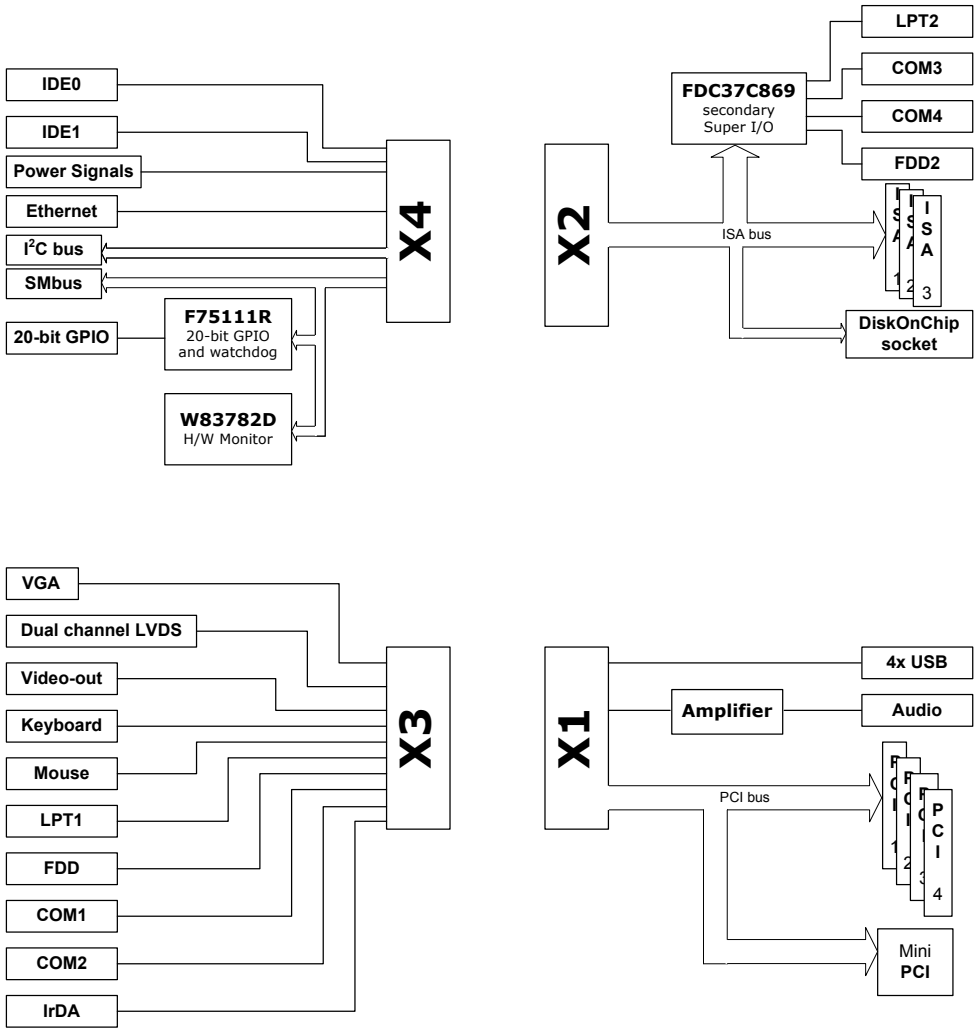
LED: 2-digit 7-segment LED display
Function: Displays POST (Power On Self Test) code

Power and Operation

Connectors: ATX and AT onboard
Switches: Onboard RESET and ATX switch

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Functional Diagram



Ordering Information

- **ETX-Proto**
  ETX® Reference Carrier Board in ATX form factor
  (includes CF socket assembly, UDMA HDD cable, SATA cable,
  FDD cable, TV-out cable)

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