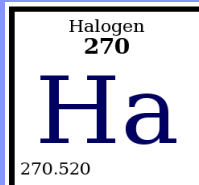


boundary devices



The elements of your next design.

Introduces...

The Halogen Board

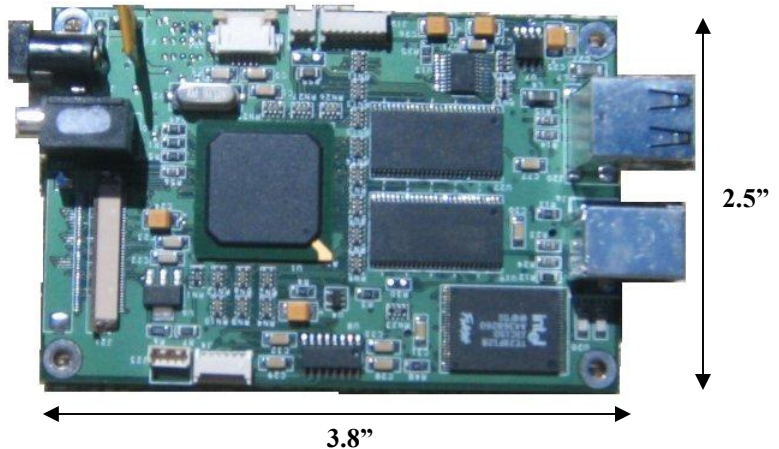
The Halogen board is the smallest member of the Boundary Devices lineup, and features a Marvell PXA-270 CPU running at up to 520 MHz. Its form factor allows it to be directly mounted behind many 3.5" displays, for an overall envelope dimension of only 3.8x2.5 inches.

Halogen was designed to support a wide variety of LCD displays, including touch-screens. It also supports, and easily interfaces with printers, magnetic card readers, bar code scanners, printers and keypads. In addition, discrete general purpose I/O is available using an optional USB or serial interface adaptor.

Besides Halogen, Boundary Devices offers design and production of custom thin-client single board computers, for many special applications. Boundary offers software development and support and turn-key manufacturing.

The following are additional highlights of the Halogen board:

- Marvell PXA-270 CPU with speeds to 520MHz
- Supports Windows CE or Linux Operating Systems
- 64 SDRAM
- 4 or 16MB Intel StrataFlash (tm) EEPROM
- LCD Support to 800x600
- Supports Full-Motion Video
- Supports Full-Motion Video
- 4-Wire/5 Wire Resistive Touch-Screen Support
- 44KHz Stereo 16-Bit Audio Output, for Headphones or Speakers
- 44KHz Monaural Audio Input (microphone)
- 2 RS-232 or TTL Serial Ports
- 1 Full-Speed USB 2.0 Slave Port
- 1 Full-Speed USB 2.0 Master Port
- RS485 Support Available
- Easy to Interface with Magnetic Stripe Readers, Bar Code Scanners, Printers and Keypads
- SD Slot for Expanded Storage
- RoHS compliant
- Small Form Factor
- Customized Versions Available



For additional information on Halogen and all other Boundary Devices products, please contact Watters & Associates.



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