



PECS ARM7 Embedded Controller SBC



**10Mbit Ethernet, TCP/IP
Parallel I/O, JTAG, RS-232 Port
Simple, Low-cost design
Wall cube power supply**

PECS Features

- 60 MIPS Atmel SAM7 FLASH-based ARM CPU, 128k code memory, 32Kbytes SRAM
- 10 Mbit Ethernet with TCP/IP
- Programmable CPLD w/33 bi-directional lines
- JTAG interface for talking to external JTAG device
- RS-232 serial
- Wall cube power supply

PECS Software

- Firmware in flash memory
- Communicates via TCP/IP, firmware updating over network, auto configuration via DHCP
- Command line control via serial port or network TELNET
- Can be controlled via simple network protocol from linux or Windows
- Asynchronous serial port
- CPLD based parallel port
- Linux and Windows utilities for communication and firmware updates

Benefits

- *Integral monitor preloaded in flash*
- *Boots in seconds, start development in minutes!*
- *Works over network*

PECS Product Description

Board Size

3.00x5.00 Inches

Weight

45g

Ordering information

Boxed unit: part # PECSB

PCBA only: part # PECSA

Operating Temperature

Standard version 0 to 40deg C

Extended temperature TBD

Power Requirement

15 Watt compact wall supply

With every board you get:

wall power supply, cable kit, warranty card, LULA (limited use license agreement) & SW resource CD

Contact Us!

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