



# AESOP 18 micro-Microchip Embedded Computer

## Industrial Control & Automotive ODM reference design

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**Programmable Controller**  
**10Mbit Ethernet**  
**J-1850, CAN 2.0B, RS-232 Port**  
**Wall cube power supply**

### Aesop 18 Features

- 10 MIPS Microchip PIC18f458 FLASH-based micro controller, 16k code memory, 1Kbytes EEPROM
- 10 Mbit Ethernet with TCP/IP
- CPLD w/8-bit parallel port + control signals
- Controller Area Network (CAN 2.0B) interface
- RS-232 / SCI serial port
- J1850 VPW automotive interface
- Optional MMC card
- Wall cube power supply

### Aesop 18 Software

- Firmware in flash memory
- Communicates via TCP/IP, firmware can be updated over network, Auto configuration via DHCP
- Reliable, buffered, bi-directional messaging; J1850, CAN, Serial, Parallel
- Asynchronous serial with handshaking
- CPLD programmable parallel port
- CAN 1.0, 2.0, J1850 VPW
- Linux & Windows utilities for communication and firmware update

### Benefits

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

### Aesop 18 Product Description

#### Board Size

3.00x5.00 Inches

#### Weight

45g

#### Ordering information

Boxed unit: part # Aesop18B

PCBA only: part # Aesop18A

#### 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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