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Find the *Arnewsh SBC5206* at our website: *Click HERE*

Arnewsh Inc. SBC5206

A Single Board Computer based on the Motorola MCF5206 ColdFire

Features:



- MCF5206 ColdFire* Processor running at 25MHZ. Some of the built in features of MCF5206 includes:
  - 512 bytes of instruction cache.
  - 512 bytes built in SRAM.
  - DUART.
  - Two Timers.
  - One byte wide parallel I/O port.
- One MC68901 with one UART channel for debugger with four timers. One timer is used as baud rate generator.
- 256K bytes of Flash ROM's preprogrammed with debugger. User expandable to 1M bytes of Flash ROM's or 2M bytes of EPROM's.
- 4M bytes of DRAM standard. User expandable to 32M bytes.
- All I/O channels and most functions of MCF5206 are available to user.
- One ISA bus connector for an ethernet card (not included).
- Background Debug port connector.
- All processor's signals are available for expansion.
- Single +5 Volts regulated supply or 7.5 to 9.0 volts DC regulated or unregulated is needed.
- Made in USA.

Description:

The SBC5206 is a single board computer based on Motorola* MCF5206 ColdFire* processor. It is ideal for training, evaluation and development of microprocessor based products. It has two byte-wide sockets for Flash ROM's or EPROM's. The board comes with two 128K-byte 29F010 Flash ROM's preprogrammed with Monitor/Debugger. User can replace these with two 64K-, 128K-, 256K-, 512K- or 1M-byte EPROM's for up to 2M bytes or with two 29F040 Flash ROM's for up to 1M bytes of Flash. The board also has one SIMM sockets for DRAM which can be populated with 256Kx32, 1Mx32, 2Mx32, 4Mx32, or 8Mx32 for a total of up to 32M bytes of DRAM. The board uses one MC68901 to provide one UART port for debugging with software programmable baud rate generators, one serial cable is included. One ISA bus connector is included to accommodate an ISA ethernet card for downloading (not included). All processor's signals are available for expansion off the board (not buffered).

* Motorola and ColdFire are registered trademarks of Motorola Inc.

Specifications:

Board Dimensions	10.00" x 5.25" x 1.20" (approximately)
Power Requirements	+5 Volts regulated or 7.5 to 9.0 VDC regulated/unregulated 1.0 Amp. minimum based on the options active.

Ordering Information:

Arnewsh Part #	Description	Price*
SBC5206-4M	25-MHZ MCF5206, 4M bytes of DRAM, 256K Flash ROM with debugger	$495.00

Terms: Shipping charges (UPS Ground in continental U.S.A.), $8.00 for the first board and $5.00 for each additional board. Taxes apply for Colorado residents.

Money order, prepaid checks, personal checks, and purchase order **(NET 10)** from qualified institutions are accepted. For personal checks allow 10-14 days to clear. COD (cash only) accepted, add $5.00 for COD charges. Quantity discount available.

Contact: Arnewsh Inc.
P.O. Box 270352
Fort Collins, CO 80527

eMail: sales@arnewsh.com
Phone: (970) 223-1616
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* Price subject to change without notice

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