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# Technological Arts Inc.

*Technological Arts*

## Adapt11C24DX 32K Module (without MCU and PRU)

USD \$70.00



### Product Info

- Compact "DX" form factor (2.8" x 2.1")
- Works with any 68HC11 E series microcontroller
- 8 MHz crystal (2 MHz bus speed)
- 32K EEPROM
- 512 bytes internal RAM (on MCUs)
- Hardware Write Protect switch for EEPROM
- Design incorporates 68HC24 port replacement unit (PRU) for full 68HC11 port compatibility
- 26 general purpose I/O lines (including 3 input captures and 5 output compares)
- Pulse accumulator, hardware timer, real-time interrupt, watchdog, 2 hardware interrupts
- 8 channel 8-bit analog-to-digital converter
- Serial peripheral interface (SPI) port offers virtually unlimited expansion
- Serial Communications Interface (SCI) port, with programmable baud rate
- RS-232 serial port, utilizing on-chip SCI (4-pin connector)
- SCI compatible with MIDI and RS485/RS422
- On-board reset circuit and button, 5V regulator, and RS232 interface
- Low power requirements (45 mA nominal; much less in STOP mode)
- All port pins are brought out to standard 50-pin connector pattern
- Virtual plug-in interchangeability with all Adapt11 family boards
- 11 connector options for the ultimate in modular design capabilities

- Use programming language of your choice: C, BASIC, assembler, etc.
- Compatible with BUFFALO, JBug11 and PCBug11 debug/monitor programs
- Easy program-loading via MicroLoad, JBug11, PCBug11, ICC11, etc.
- Compatible with BASIC11 Compiler/Simulator/Debugger/Terminal IDE for Windows
- Low cost-- ideal for educational and embedded applications
- Many accessories available

**What you get:**

- this product ships with hardcopy data sheet and schematic diagram
- data sheets, manuals, and all other resources for this product can be found by clicking on the blue Resources tab above
- the 68HC11 microcontroller chip and the 68HC24 port replacement chip are not included; buy them separately from the Components Category at the left

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[Vendor Information](#)