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# Technological Arts Inc.

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## Adapt912DT60A MCU Module

USD \$199.00



### Product Info

- compact (2.25" x 3.25") modular implementation of 68HC912D60A microcontroller (112-pin pin TQFP version)
- up to 86 general purpose I/O lines, all programmable as input or output
- up to 18 input-only lines
- 16 inputs usable as key-wake-up
- CAN 2.0 module with on-board physical layer transceiver (PCA82C250)
- dual independent 8-channel 10-bit ADCs
- provision for two independent on-board precision voltage references (optional)
- 4-channel (8-bit) or 2-channel (16-bit) PWM
- dual SCI (one with RS232 interface and one with RS485 interface)
- on-chip memory:
  - 60K Flash (separate 28K and 32K blocks, with 8K Bootblock in each)
  - 2K RAM
  - 1K EEPROM
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- versatile I/O connector options for embedding into your design
- primary 50-pin connector for dedicated I/O
- secondary 50-pin connector for additional I/O
- Background Debug Mode (BDM) fully supported for loading and debugging your code
- universal 6-pin/10-pin BDM connectors support BDM pods from multiple vendors

- program in C, BASIC, Forth, assembler, etc.
- fully compatible with ImageCraft's ICC12 C compiler
- 500mA 5V regulator on-board, delivers adequate power for most applications

***Before you order...***

***All of our [standard connector options](#)*** are available for this board. The product photo above shows "M" connector on both H1 and H2. Please make your choice of connectors before adding this item to your shopping cart. Otherwise, the board will be shipped with the default option (i.e. no connectors on H1 and H2).

[Vendor Information](#)