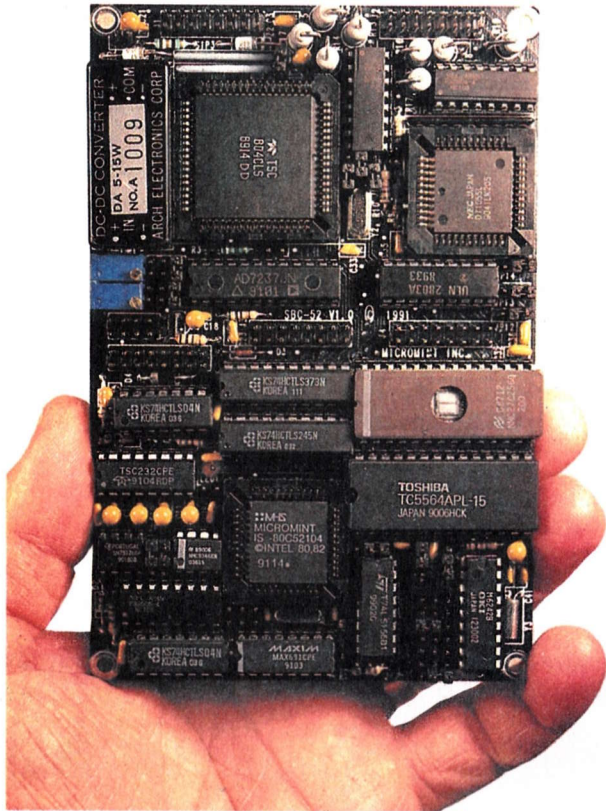


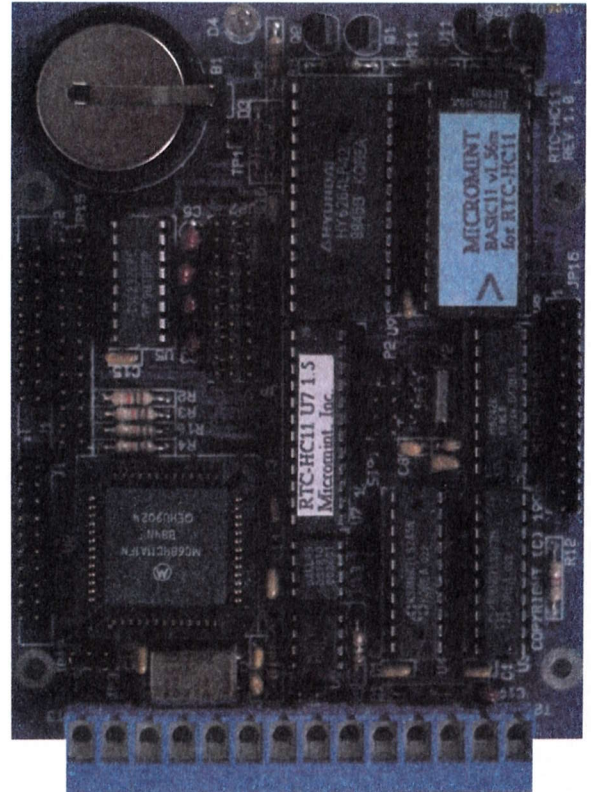
68HC11

PROCESSOR BOARD



BRUTE-52

Maximum Power—Minimum Space



Offering exceptional value in a single-board embedded controller, Micromint's RTC-HC11 combines all of the most-asked-for features into a small 3.5" x 4.5" package at a reasonable price. Featuring the popular Motorola MC68HC11 8-bit microcontroller, the RTC-HC11 gives you up to 21 lines of TTL-compatible I/O; an 8-bit, 8-channel analog-to-digital converter; an asynchronous serial port (full-duplex RS-232 or half-duplex RS-485) and a 1-MHz synchronous serial port; a real-time clock/calendar with battery backup; 512 bytes of nonvolatile EEPROM; CPU watchdog security; low-power 75 mA, 5V-only operation; and up to 64K of on-board RAM or EPROM, 32K of which can be battery-backed.

Software development can be done directly on the RTC-HC11 target system using BASIC-11, an extremely fast integer BASIC interpreter with dedicated keywords for I/O port, A/D converter, timer, interrupt, and EEPROM support. In addition, a BASIC program can be saved in the on-board, battery-backed static RAM, or burned into EPROM, and then automatically executed on power-up or reset.

Micromint also offers several hardware and software options for the RTC-HC11 including the full line of RTC-series expansion boards as well as an assembler, ROM monitor, and C language cross-compiler.

RTCHC11-DEV includes:

- | | |
|------------------------------|---------------------------|
| • RTC-HC11 w/screw terminals | • ROM monitor |
| • 32K battery-backed RAM | • Utility diskette |
| • Clock/calendar | • Complete manual set and |
| • BASIC-11 | HCTerm software |
| • Serial cable | |

\$369.00

RTCHC11-2Q

Board w/8-bit ADC, EEPROM, 8K RAM, and ROM monitor **\$239.00**

RTCHC11-3Q

Board as above w/battery-backed RAM, clock/calendar, and BASIC-11 in ROM **\$269.00**



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- Hardware Clock-calendar
- 1 Kbit EEPROM
- Operates at 0-70°C
- Optoisolated Serial Communications RS-232 or RS-485! 300-9600 bps!
- Optoisolated Serial Printer Port, RS-232 150-9600 bps
- Up to 56 Kbytes RAM and/or EPROM
- 8-bits buffered high-voltage, high-current outputs
- 8-bits optoisolated non-polarized DC inputs
- 12-bit plus sign analog-to-digital converter 8 channels! 60 Samples/second! 1.2 mV resolution!
- 12-bit digital-to-analog converter 2 channels! 1.2 mV resolution! Selectable ranges!
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- Use networked or stand-alone
- Three 16-bit counter timers
- Hardware Watchdog Timer
- 5V-only Operation
- 12-bit parallel TTL I/O
- Only 3.5 x 5.3 Inches!

BRUTE-52 offers you all these features at only \$459! (\$320/100 quantity OEM) We also have a starter system for only \$289. When you add in Micromint's renowned quality, services, and support, you won't find a better value in compact control.

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