

NMIB-0012

MINI HAND HELD COMPUTER

The NMIB-0012 mini hand held computer in 3"x4" enclosure, provide with Motorola MC68HC912B32 Microcontroller, Real time clock Epson RTC62421A, 2x16 LCD , 5 mini button switch , more keypad interfacing capability, Battery charge circuitry with LED, Buzzer, Debug 12 Monitor, RS232 cable and transformer in a mini enclosure.

FEATURES

- MC68HC912B32 CPU
- Upward Compatible with MC68HC11 Instruction Set
- Interrupt Stacking and Programmer's Model Identical to MC68HC11
- Asynchronous Serial Communication Interface
- Synchronous Serial Peripheral Interface
- J1850 Byte Data Link Communication
- 8-channel, 8-bit A/D
- Background Debug Port
- 8-channel timer
- 16-bit Pulse Accumulator
- Pulse-width modulator
- Cop Watchdog Timer, Clock Monitor, and periodic Interrupt Timer
- Up to 64 I/O
- Keypad Interface port
- 2X16 LCD, capability up to 2 lines by 80 characters
- 768 -Byte EEPROM
- 32 -Kbyte Flash EEPROM
- 1-Kbyte SRAM
- Built-in Time (hour, minute, second) and Date (year, month, week, day) counters
- 12/24hr clock switchover function and automatic leap year setting
- Interrupt masking
- 30 second error-adjustment function
- Low current and backup function

The NMIB-0012 is a complete system in enclosure and ready to run dedicated applications. Only the addition of the user programming required, in its internal **EEPROM** or **FLASH EEPROM**. The NMIB-0012 makes a very cost effective solution. No other hand held computer offers so many features in such a small space.