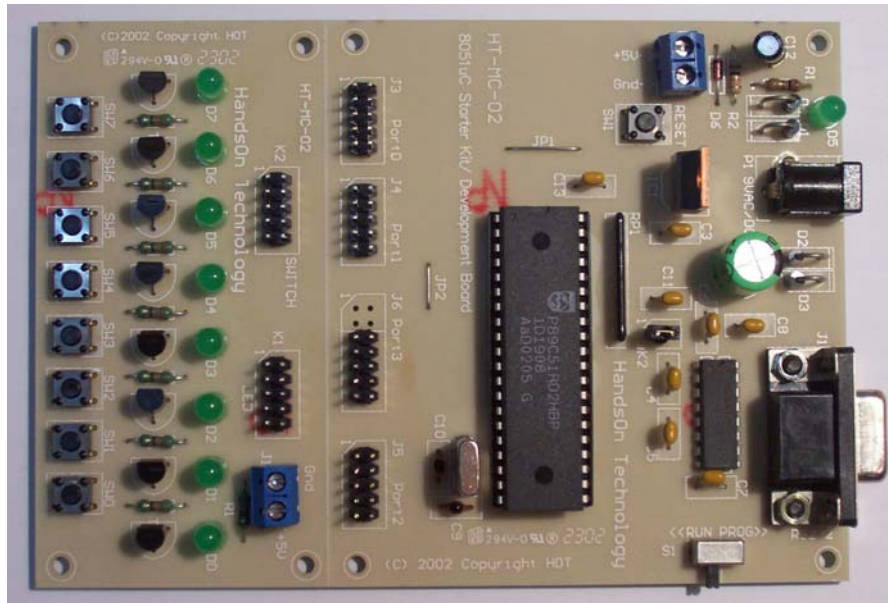## Low Cost 8051μC Starter Kit/ Development Board *HT-MC-02*

HT-MC-02 is an ideal platform for small to medium scale embedded systems development and quick 8051 embedded design prototyping*. HT-MC-02* can be used as stand-alone 8051μC Flash programmer or as a development, prototyping and educational platform

Main Features:

- 8051 Central Processing Unit
- On-chip Flash Program Memory with In-System Programming (ISP) and In Application Programming (IAP) capability
- Boot ROM contains low level Flash programming routines for downloading via the RS232
- Flash memory reliably stores program code even after 10,000 erase and program cycles
- 10-year minimum data retention
- Programmable security for the code in the Flash. The security feature protects against software piracy and prevents the contents of the Flash from being read
- 4 level priority interrupt & 7 interrupt sources
- 32 general purpose I/O pins connected to 10pins header connectors for easy I/O pins access
- Full-duplex enhanced UART **–** Framing error detection Automatic address recognition
- Programmable Counter Array (PCA) & Pulse Width Modulation (PWM)
- Three 16-bits timer/event counters
- AC/DC (9~12V) power supply – easily available from wall socket power adapter
- On board stabilized +5Vdc for other interface circuits power supply
- Included 8x LEDs and pushbuttons test board (free with *HT-MC-02* while stock last) for fast simple code testing
- Industrial popular window *Keil* C compiler and assembler included (Eval. version)
- Free *Flash Magic* Windows software for easy program code down loading

PLEASE READ *HT-MC-02 GETTING STARTED MANUAL* BEFORE OPERATE THIS BOARD
INSTALL ACROBAT READER (AcrobatReader705 Application) TO OPEN AND PRINT ALL DOCUMENTS