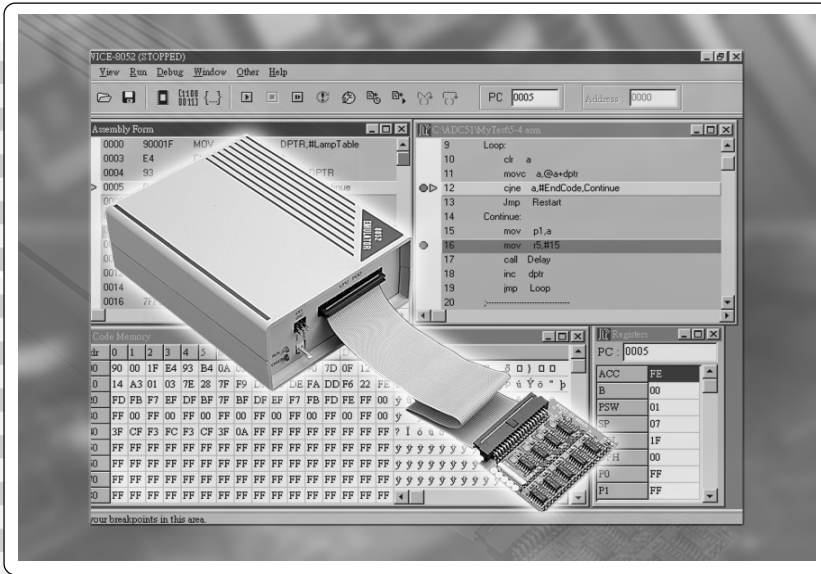# WICE-8052 8052 IN-CIRCUIT EMULATOR

The WICE-8052, In-circuit Emulator for microcontroller 8052 series, is a well developed product by LEAP ELECTRONIC. The WICE-8052 is designed specifically for today's en-gineers who need an extreme good tool for their projects. It combines real-time emulation up to 40 MHz

Features

Easy-to-use Interface

The WICE-8052 can be operated both with DOS and Windows 95/98/NT interface. With multi-windows, point-and-click, menu-driven function and on-line help, WICE-8052 assist your design into a quick and efficient project.

Real-time Hardware Breakpoints

Breakpoints are used to stop user's program ex-ecution while preserving the current program status. Breakpoints of WICE-8052 can be triggered from address and address ranges. It supports 64K hard-ware full range execution breakpoints, allows to stop anywhere and avoids unnec-essary procedure.

Real-time Trace Buffer

Trace buffer is a high speed RAM which is used to capture in a real time all activity on the microcontroller in-ternal bus and pins.

- Stores up to 32K deep, 16-bit wide
- Be capable of exchange Forward,Backward and About Trace

- Supports trace On/Off function
- Trace buffer is accessible even when the emu-lation processor is running

Other Function Specifications

- Memory display and edit while ex-ecuting in real-time.
- Special design for detecting wrong insertion and protecting from ex-ceeding 5V input.
- Trace display during execution
- Pass-points to monitor internal RAM, variables and registers while running
- Real time transparent emulation up to 40MHz
- Up to 64K of overlay program memory
- Up to 64K of overlay external data memory
- Parallel/printer port interface to the host
- Supports Windows software simulation to run program and analysis.
- Provides user-defined Macro capability for DOS software.
- Maximum Emulation Speed Up to 40 Mhz

Standard Accessories

- Main unit
- 26-pin Printer connect cable
- 40-pin module + flat cable

- 2-pin signal line hook
- 40-pin IC socket
- DC power supply
- EXT CRYSTAL adaptor
- System software disk
- Operation manual

Physical & Environmental Specification

- Dimension : 14cm × 11cm × 4.6 cm
- Weight : 380 gs
- Temperature : +5℃ to +45℃
- Humidity : up to 90 % non-condensing
- Altitude : up to 5000m

Optional Accessories

- PLCC adaptors

Supported Devices

intel		
8031	8032	80C31
80C32	8xC51	8xC52
8xC54		
8xC58	8xL52	8xL54
ATMEL		
89C51	89LV51	89C52
89LV52	89C55	
PHILIPS		
8031	8051	80C31
80C32	8xC51	8xC52
8xCL31		
8xCL51	8xC851	
SIEMENS		
8031	805	8032
8052	C501	C502
WINDBOND		
W78C31B	W78C32B	