

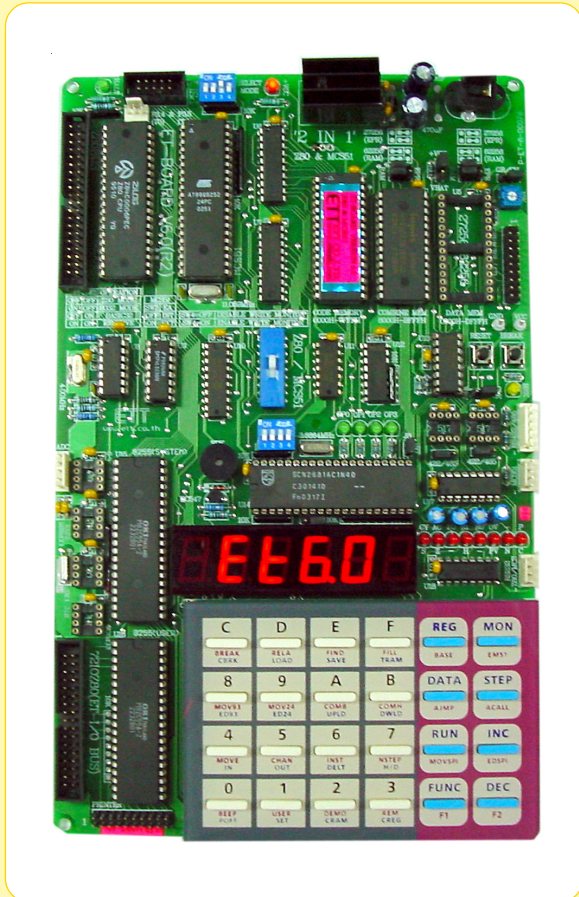
ET-BOARD V6.0 (P-ET-A-00076)

Double CPU

Single Board for Solution ...

- CPU Z80
- CPU MCS-51

ET-BOARD V6.0 includes CPU Z80A RUN 4MHz and CPU AT89S8253 (MCS51) RUN 11.059MHz. It works with 2-CPU in one Board, adapt MODE CPU via SW on Board.



NOTICE: In the same basic board, you can learn 2-CPU in one board. It includes I/O accessories such as CHIP ASYNCRONOUS, CHIP A-TO-D, CHIP RTC,CHIP EEPROM on board. Although, users are students or teachers, can use **ET-BOARD V6.0** perfectly. Users may study about Ports of Microprocessor Z80 well before study Microcontroller CPU because it is the basic knowledge of computer system.

SPECIFICATIONS ET-BOARD V6.0

FEATURE	SINGLE BOARD
CPU	8 BIT Z-80 MCS-51 No.AT89S8253
3 MODE	Z80 SINGLE BOARD MODE MCS-51 SINGLE BOARD MODE MCS BASIC-52 MODE
DISPLAY	6-DIGIT 7-SEGMENT DISPLAY WITH LED DISPLAY 8 POINT FLAG, 4 POINT LED USER, 2 POINT LED INTERRUPT AND 1 POINT LED HALT
EPROM	128 KBYTE FLASH MONITOR PROGRAM
RAM	32 KBYTE WITH BATTERY BACKUP
CLOCK	Z80 RUN 4MHz MCS-51 RUN 11.0592 MHz
KEYBOARD	24 RUBBER KEY SWITCH
SWITCH	SWITCH RESET & SWITCH INTERRUPT
DIP-SWITCH	4 POINT FOR SYSTEM, 4 POINT FOR USER
CONNECTOR	40 PIN-HEADER STRIP FOR Z80 BUS 34 PIN-HEADER STRIO FOR 8255 I/O PORT 20 PIN-HEADER STRIP FOR LCD (BOTH CHARACTER AND GRAPHIC LCD) 20 PIN-HEADER STRIP FOR PRINTER 6 PIN CONNECTOR FOR RS422/485 2-CH.4 PIN CONNECTOR FOR RS232 5 PIN CONNECTOR FOR A/D
USER PORT	40 BIT I/O PORT
SERIAL PORT	2-CH.SCN2681 2-CH.RS232 1-CH.RS422/485 (OPTION)
EXPANSION SOCKET	32 KBYTE MEMORY EXPANSION BY SELECT RAM No. 62256 OR EPROM No.27256 (OPTION) EEPROM No.93C46 OR 93C56 OR 93C88 (OPTION) EEPROM No.24C01-24C256 TYPE 12C (OPTION) RTC DS1307 (OPTION) A-TO-D SIZE 2-CH.12 BIT No.LTC1298 (OPTION)
WATCH DOG/POWER ON	MAX 691
SPEAKER	0.5"
BATTERY	3 VOLT FOR BACKUP RAM & RTC
POWER SUPPLY	10 VDC 850 mA
PCB SIZE	6" x 9.75"
SOFTWARE	Z-80 MODE 32 FUNCTION (USE REMOTE 120 SUBROUTINES SYSTEM CALL WITH COMPUTER PC THROUGH PORT RS232) MCS-51 MODE 22 FUNCTION (USE REMOTE 112 SUBROUTINES SYSTEM CALL WITH COMPUTER PC THROUGH PORT RS232 AND EMULATOR51 MODE) MSC BASIC/52 (RUN BASIC52 LANGUAGE WITH COMPUTER PCTHROUGH PORT RS232)



ET-BOARD V6.0 includes ...

1. ET-BOARD V5.0 Board
2. 3 User manual
3. CD-ROM
4. ET-RS232 DB 9 PIN
5. 10VDC ADAPTER



ET-BOARD V6.0 BOX (P-ET-A-00210)

There's same specifications like ET-BOARD V6.0 and is added 15 work sheets of Z-80 and 14 work sheets of MCS-51. Each of work sheet includes summary theory for users revise before experiment CPU Z-80 and MCS-51. Moreover, there's ET-BOX 1 to keep experimental set in the box.

ET-BOARD V6.0 SINGLE BOARD is one of Board in Thailand is developed continuously more than 20 years. So, today, ET-BOARD V6.0 SINGLE BOARD 2 Sytems 2 CPUs is the answer for you to study CPU and MCS51.

