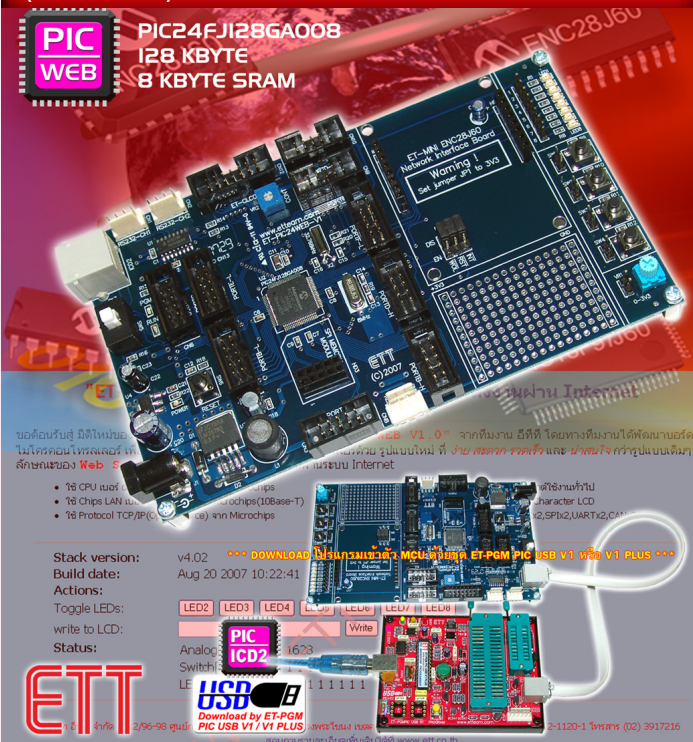


ET-PIC24WEB V1 (P-ET-A-00347)



PIC24FJ128GA008
128 KBYTE
8 KBYTE SRAM



ขอต้อนรับผู้ มีดีใหม่มา...
ไมโครคอนโทรลเลอร์...
ลักษณะของ Web...
จากทีมงาน...
โดยทางที่...
ได้พัฒนา...
ร่วมกับ...
รุ่น...
ที่...
และ...
การ...
บนระบบ Internet

Stack version: v4.02
Build date: Aug 20 2007 10:22:41
Actions:
Toggle LEDs:
write to LCD:
Status:
Analog Switch: I623
LE

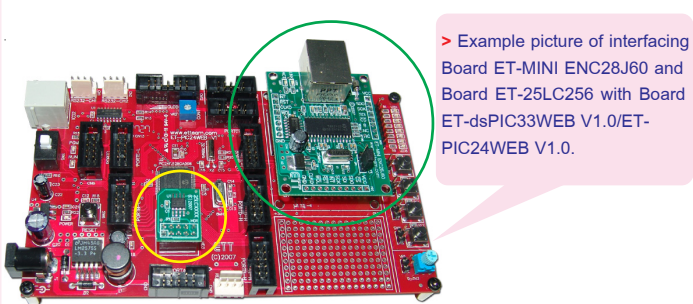
Download by ET-PGM PIC USB V1/V1 PLUS
Download by ET-PGM PIC USB V1/V1 PLUS

ET-PIC24WEB V1 is PIC Board Microcontroller from MICROCHIP uses 16 BIT MICROCONTROLLER No.PIC24FJ128GA008 to be MCU on board.

- 80 PIN TQFP MCU PIC24FJ128GA008
- FLASH MEMORY 128 KBYTE, SRAM 8 KBYTE
- 16 MIPS to process data at CLOCK 32 MHz
- RUN X'TAL 8 MHz and can set to RUN up to 32 MHz
- Voltage 2.0V to 3.3V
- I/O PORT 70 BIT, 10 BIT 16 CH A TO D
- 14 PIN LCD PORT as CHARACTER TYPE
- RJ11 (ICD2) to download program into MCU by ET-PGM PIC USB V1/V1 PLUS/V2, ET-PGM PIC PK3/PK3 PLUS, ET-ICDX V1 with SW to select operation modes
- RS232 PORT 2 CH 4 PIN ETT (ICL3232)
- CIRCUITS to test operation
 - > 8 Circuits to interface with LED
 - > 4 Circuits to interface with SW
 - > 1 Circuit to interface with VR
- Connecting Point for Module ET-MINI ENC28J60 to interface with ETHERNET
- Connecting Point of EEPROM ET-25LC256
- 9 CONNECTOR 10 PIN ET BUS I/O
- 2 POWER SUPPLY ON BOARD; 3.3V uses LM2575-3.3 and 5V uses AP1117-5.0
- POWER SUPPLY DC 7 - 12 VDC
- PCB SIZE 15.3 x 9 cm.
- ET-PIC24WEB V1 consists of
 1. Board ET-PIC24WEB V1
 2. CD-ROM User's Manual and Example Programs

ET-25LC256 (P-ET-A-00345)

It is a board with EEPROM No.25LC256 from MICROCHIP that is SPI Interface. It is designed to use with ET-PIC24WEB V1 and ET-dsPIC33WEB V1 by using with Board ET-MINI ENC28J60.

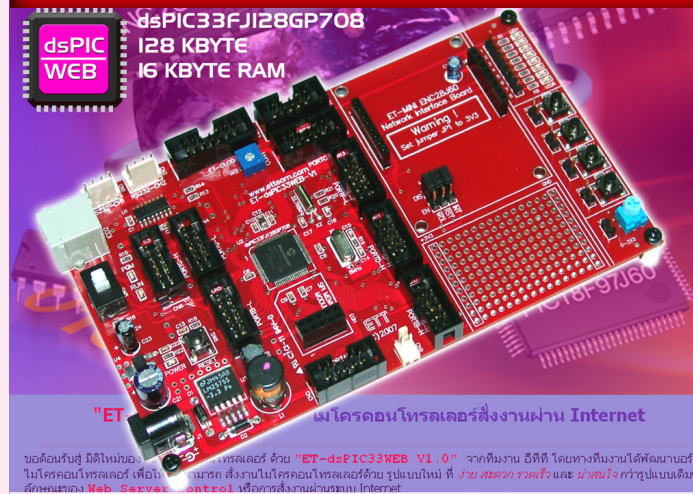


> Example picture of interfacing Board ET-MINI ENC28J60 and Board ET-25LC256 with Board ET-dsPIC33WEB V1.0/ET-PIC24WEB V1.0.

ET-dsPIC33WEB V1 (P-ET-A-00348)



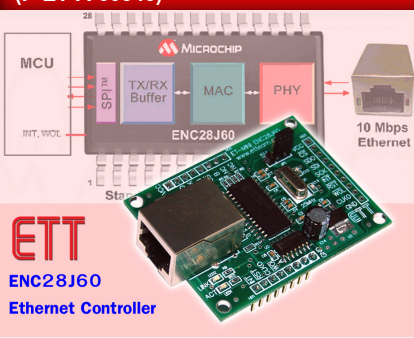
dsPIC33FJ128GP708
128 KBYTE
16 KBYTE RAM



It is dsPIC BOARD MICROCONTROLLER from MICROCHIP by using 16 BIT MICROCONTROLLER No.dsPIC33FJ128GP708.

- 80 PIN TQFP DIGITAL SIGNAL CONTROLLERS MCU No. dsPIC33FJ128GP708
- FLASH MEMORY 128 KBYTE, RAM 16 KBYTE
- 40 MIPS to process data at CLOCK 40 MHz
- RUN X'TAL 8 MHz and can set to RUN up to 40 MHz by PLL
- I/O PORT 69 BIT, 10 BIT 24 CH A TO D and can program it to be 12 BIT 2 CH, CAN 2 CH
- RUN Voltage 3.0V to 3.6V and can interface with signal 5V TTL (5V TOLERANT)
- 14 PIN LCD PORT as CHARACTER TYPE
- RJ11 (ICD2) to download program into MCU by ET-PGM PIC USB V1/V1 PLUS/V2, ET-PGM PIC PK3/PK3 PLUS, ET-ICDX V1 with SW to select operation modes
- RS232 2 CH 4 PIN ETT (ICL3232)
- Circuits to test operation
 - > 8 Circuits to interface with LED
 - > 4 Circuits to interface with SW
 - > 1 Circuit to interface with VR
- Connecting Point for Module ET-MINI ENC28J60 to interface with ETHERNET
- Connecting Point of EEPROM ET-25LC256
- 9 CONNECTOR 10 PIN ET BUS I/O
- 2 POWER SUPPLY ON BOARD; 3.3V uses LM2575-3.3 and 5V uses AP1117-5.0
- POWER SUPPLY DC 7 - 12 VDC
- PCB SIZE 15.3 x 9 cm.
- ET-dsPIC33WEB V1 consists of
 1. Board ET-dsPIC33WEB V1
 2. CD-ROM User's Manual and Example Programs.

ET-MINI ENC28J60 (P-ET-A-00346)



It is Board in ET-MINI version; in this case, it is Module that is designed to be intermediate of communication system between Board Microcontroller and Ethernet Network to support operation of TCP/IP Protocol.
● Use IC ENC28J60 from MICROCHIP to be IC ETHER NET CONTROLLER to support IEEE 802.3 standard Communication

- Interface signal pin to control through SPI BUS with maximum high speed 10 MB/S
- Select types of Power Supply either 3.3V or 5V with Buffer Circuit, Connector RJ45 ETHERNET
- Can be used with Board ET-PIC24WEB V1 and ET-dsPIC33WEB V1 directly and there is example program to develop program from MICROCHIP (MICROCHIP TCP/IP STACK)
- PCB SIZE 4.4 x 5.6 cm.
- ET-MINI ENC28J60 consists of
 1. ET-MINI ENC28J60 Board
 2. CD-ROM User's Manual and Example Programs.