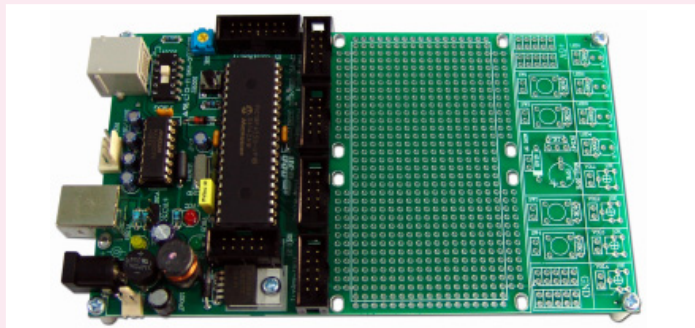


CP-PIC USB/4550 (ICD2)
(P-CP-A-00094)

CP-PIC USB/4553 (ICD2)
(P-CP-A-00098)

It is a new release board that has USB Module Communication insides and can program data into PIC by ET-PGM PIC USB of ETT. There are 2 types; CP-PIC USB/4550 (ICD2) and CP-PIC USB/4553 (ICD2) for general applications.



- CP-PIC USB/4550 (ICD2)** Use 40 PIN DIP MCU No.PIC18F4550 32 KBYTE FLASH Memory, 2048 BYTE RAM, 256 BYTE EEPROM, A TO D 10 BIT 13 CH.
 - CP-PIC USB/4553 (ICD2)** Use 40 PIN DIP MCU No.PIC18F4553 32 KBYTE FLASH Memory, 2048 BYTE RAM, 256 BYTE EEPROM, A TO D 12 BIT 13 CH.
- RUN X'TAL ON BOARD 20MHz; can used PLL to RUN 48MHz
 - I/O PORT 28 BIT on 5 CONNECTOR 10 PIN ET BUS I/O
 - A TO D 10 BIT 13 CHANNEL
 - 14 PIN LCD PORT CHARACTER TYPE
 - [RJ-11 to download PROGRAM into MCU by ET-PGM PIC USB V1/V1 PLUS/V2, ET-PGM PIC PK3/PK3 PLUS and SW.](#) to select Operation Mode
 - RS232 PORT 1 CHANNEL 4 PIN ETT
 - PCB Size: 15.3 x 9 CM.
 - FULL SPEED USB PORT TYPE B ON BOARD
 - POWER SUPPLY 5V ON BOARD as SWITCHING No. LM2575T-5.0 can be used with DC ADAPTER version 10VDC/850mA (A-AP-A-00001 **OPTION**)

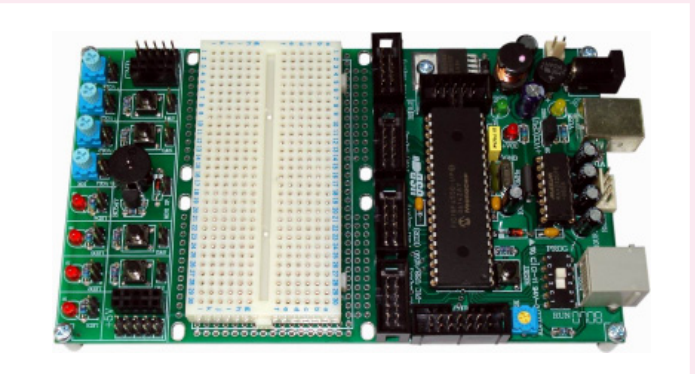
- **CP-PIC USB/4550 (ICD2) / CP-PIC USB/4553 (ICD2)** consists of
1. BOARD
 2. CABLE USB A TO B TYPE
 3. CD-ROM User's Manual



CP-PIC USB/4550 EXP (ICD2)
(P-CP-A-00095)

CP-PIC USB/4553 EXP (ICD2)
(P-CP-A-00099)

Its specifications are the same as version CP-PIC USB/4550 (ICD2) / CP-PIC USB/4553 (ICD2) but this version includes circuit for experiment and PROJECT BOARD.



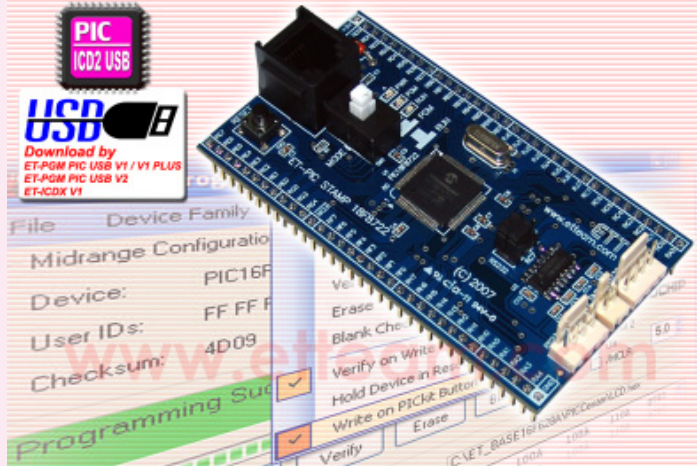
- PROJECT BOARD VERSION AD-100 (Size 81 x 42 x 19 mm.) 360 POINTS
- 4 VR 10K R with connecting point
- 4 TACT SW with connecting point
- 4 LED DOT with connecting point
- 1 MINI SPEAKER with connecting point

- It can be connected with MINI I/O BOARD (OPTION) of ETT
 - **CP-PIC USB/4550 EXP (ICD2) / CP-PIC USB/4553 EXP (ICD2)** consists of ...
1. BOARD and PROJECT BOARD
 2. CABLE USB A TO B TYPE
 3. CD-ROM User's Manual and Example Program.



ET-PIC STAMP 18F8722 (ICD2)
(P-ET-A-00400)

ET-PIC STAMP 18F8628 (ICD2)
(P-ET-A-00375)



PIC Board of MICROSHIP is designed as compact board that is easy to use or connect with PROJECT BOARD. Moreover, there's necessary devices to use or develop board with [ET-PGM PIC USB V1/V1 PLUS/V2, ET-ICDX V1, ET-PGM PIC PK3/PK3 PLUS](#) that can be connected PORT USB of computer and Board ET-PIC STAMP through standard Connector RJ-11 (ICD2).

There are 2 models

- ET-PIC STAMP 18F8722 (ICD2)** Use 80PIN TQFP TYPE MCU No.PIC18F8722 128 KBYTE FLASH MEMORY, 3936 BYTE RAM, 1024 BYTE EEPROM, A TO D 10 BIT 16 CH.
- ET-PIC STAMP 18F8628 (ICD2)** Use 80PIN TQFP TYPE MCU No.PIC18F8628 128 KBYTE FLASH MEMORY, 3936 BYTE RAM, 1024 BYTE EEPROM, A TO D 12 BIT 16 CH.

- RUN X'TAL ON BOARD 10MHz; can set RUN up to 40MHz inside MCU from X'TAL 10 MHz
- 70 BIT I/O PORT
- RJ-11 (ICD2) to download program into CPU by [ET-PGM PIC USB V1, ET-PGM PIC USB V1 PLUS, ET-PGM PIC USB V2.0, ET-ICDX V1.0, ET-PGM PIC PK3, ET-PGM PIC PK3 PLUS](#) and there's SW to select operation mode
- RS232 PORT 2 CHANNELS CONECTOR 4 PIN ETT (ICL3232 ON BOARD)
- FUNCTION internal MCU; A TO D 10 BIT 16 CH, TIMER/COUNTER, PWM, WATCH DOG
- PIN HEADER Connector from board is 2.54mm wide interval between each pin; there are 34 PIN per each side (68 PIN)
- POWER SUPPLY 5VDC, 2 PIN POWER INPUT (can be used with DC POWER ET-SWITCHING ADAPTER 5V/1.2A TYPE H (A-AP-A-00058) **OPTION**)
- PCB Size 8.8 x 4.8 cm.
- **ET-PIC STAMP 18F8722 (ICD2) / ET-PIC STAMP 18F8628 (ICD2)** consists of

1. BOARD
2. CD-ROM User's Manual and Example Program

