

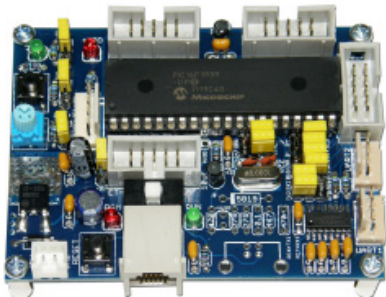
ET-BASE PIC40/1939 (ICSP) (P-ET-A-00467)

ET-BASE PIC40/4550 (ICSP) (P-ET-A-00468)

ET-BASE PIC40/46K22 (ICSP) (P-ET-A-00469)

ET-BASE PIC40/46K80 (ICSP) (P-ET-A-00470)

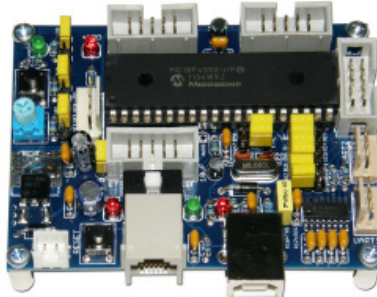
1. ET-BASE PIC40/1939 (ICSP)



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 ET-ICDX V1
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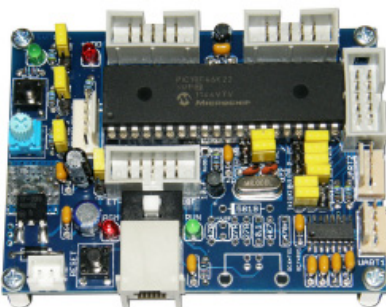
2. ET-BASE PIC40/4550 (ICSP)



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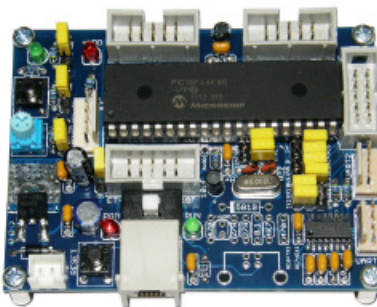
3. ET-BASE PIC40/46K22 (ICSP)



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4. ET-BASE PIC40/46K80 (ICSP)



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All 4 new PIC Boards from ETT is economy price that is compatible with Programmer ET-PGM PIC USB V1/V1 PLUS, ET-PGM PIC USB V2, ET-ICDX V1, and ET-PGM PIC PK3/PK3 PLUS; it connects with computer PC through PORT USB and it programs into board through Connector RJ11(ICD2). Nowadays, there are 4 versions that have the same structure and circuit but it only is different in the part of MCU internal board.

1. ET-BASE PIC40/1939 (ICSP)

Use MCU PIC16F1939, RUN 32 MHz, 16K WORD FLASH/ 256 BYTE EEPROM/ 1024 BYTE SRAM, 36 GPIO, 10 BIT A/D, 1-CH EUART; it is compatible with all PIC USB Programmers from ETT for PROGRAM.

2. ET-BASE PIC40/4550(ICSP)

Use MCU PIC18F4550, RUN 48 MHz, 32K BYTE FLASH/ 256 BYTE EEPROM/ 2048 BYTE SRAM, 35 GPIO, 10 BIT A/D, 1-CH EUART; it is compatible with all PIC USB Programmers from ETT for PROGRAM.

3. ET-BASE PIC40/46K22(ICSP)

Use MCU PIC18F46K22, RUN 64 MHz, 64K BYTE FLASH/ 1024 BYTE EEPROM/ 3896 BYTE SRAM, 36 GPIO, 10 BIT A/D, 2-CH EUART; it is compatible with all PIC USB Programmers from ETT for PROGRAM.

4. ET-BASE PIC40/46K80(ICSP)

Use MCU PIC18F46K80, RUN 64 MHz, 64K BYTE FLASH/ 1024 BYTE EEPROM/ 3896 BYTE SRAM, 35 GPIO, 12 BIT A/D, 2-CH EUART; it is only compatible with ET-PGM PIC PK3/PK3 PLUS for PROGRAM.

Elements on Board are listed below;

- Has CRYSTAL 8.00MHz on board (MCU uses Circuit PLL up to 8.00MHz to run) with JUMPER to Connect/Disconnect signal as required.
- Has Circuit LINE DRIVER for RS232 UART Serial PORT 2-CH 4PIN, according to the standard of ETT
 1. 1-CH for HARDWARE UART1 that uses PIN RC6(TX1) and RC7(RX2), according to the standard of PIC. All MCU versions have this PORT.
 2. 1-CH for SOFTWARE UART that uses PIN RC0(TX2) and RC1(RX2) with JUMPER to be set as independent PORT.
 3. 1-CH for HARDWARE UART2 (available in MCU PIC18F46K22 and K80) in the format of TTL LEVEL; it is used for general application.
- Has Connector ICSP according to the standard of ICD2 RJ11 for PROGRAMMER or DEBUGGER. It is compatible with ICD2/ICD3, PICKIT2, PICKIT3 or PIC USB Programmer of ETT.
- Has SW. to alternate signals between PROGRAM/DEBUG and Normal RUN; moreover, there is LED to display the operation mode of board.
- Has 4 of Connector I/O 10PIN ETT and 1 of HEADER CPA-5
- Has 1 SW. RESET, 1 VR to test A/D, 1 SW. TEST I/O BIT
- Use REGULATE 3.3V/1A ON BOARD with JUMPER to choose the Power Supply either 5VDC or 3.3VDC for MCU
- Use POWER SUPPLY +5VDC for board by using Connector TYPE B; in this case, it can be used with ET-SWITCHING ADAPTER 5V 1.2A TYPE B (A-AP-A-00079)
- PCB size is 6.2 x 8.1 cm., according to the standard of Board ET-BASE SIZE
- All 4 versions of Board ET-BASE PIC40 consist of ...

1. Board ET-BASE PIC40
2. CD-ROM; User's Manual and Programs

