

## ET-DSP I2C 7SEGMENT DISPLAY SET

This ET-DSP I2C is a Display Set in the format of 3-DIGIT 7SEGMENT red LED(0.56inch) and 4-DIGIT 7SEGMENT red LED(0.36inch); it is connected to MCU via I2C BUS and it supports both 3.3V and 5V. This 7SEGMENT is assembled on a complete frame of display size of 48 x 29mm; it can be mounted on walls or PANEL conveniently and easily.



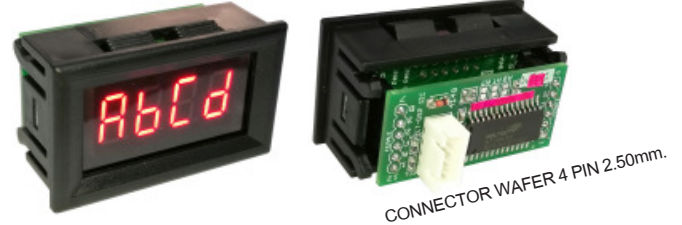
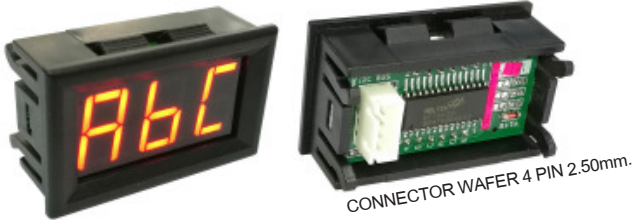
### ET-DSP I2C 7SEG PANEL3 (P-ET-A-00595)

### ET-DSP I2C 7SEG PANEL4 (P-ET-A-00596)

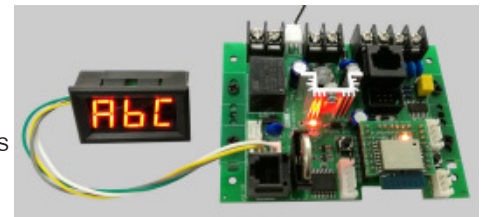
ET-DSP I2C 7SEG PANEL3 and PANEL4 is a Display Set in the format of 3-DIGIT and 4-DIGIT 7SEGMENT red LED that is provided with frame to cover the circuit and be mounted to panels easily. It is connected to MCU Boards via PORT I2C BUS such as ET-ESP8266-RS485, ET-MEGA32U4-RS485, and etc.

#### ET-DSP I2C 7SEG PANEL3

#### ET-DSP I2C 7SEG PANEL4



- PANEL3 is 3-DIGIT 7SEGMENT red LED with 0.56inch in height
- PANEL4 is 4-DIGIT 7SEGMENT red LED with 0.36inch in height
- Use IC No.HT16K33 from HOLTEK to control and adjust 16-level of Brightness for the display
- CONNECTOR WAFER 4 PIN 2.50mm. under Standard of ETT is connected via I2C BUS
- Setup 8 Address positions for I2C, so it can connect to a maximum of 8 of PANEL3 or PANEL4 in the same I2C BUS
- Use 3.3V or 5.0V POWER SUPPLY and it also is compatible with 3.3V or 5.0V I2C BUS
- Dimensions of Frame of Display: 48mm. X 29mm. X 22mm.
- Size of hole for mounting to the Frame: 45 x 26 mm.



• An example shows how to connect to Board ET-ESP8266-RS485.

### ET-DSP I2C 7SEG BASE (P-ET-A-00592)

### ET-DSP 7SEG 3DG (P-ET-A-00593)

### ET-DSP 7SEG 4DG (P-ET-A-00594)

This Display Set is in the format of 3-DIGIT and 4-DIGIT 7SEGMENT that receives data via I2C and it is connect a maximum of 32 DISPLAY Boards in the same system. This Board ET-DSP I2C 7SEG BASE is Base Board to control Board 3DG or 4DG; in this case, 4 Boards can be connected together simultaneously.



#### ET-DSP 7SEG 3DG



#### ET-DSP 7SEG 4DG

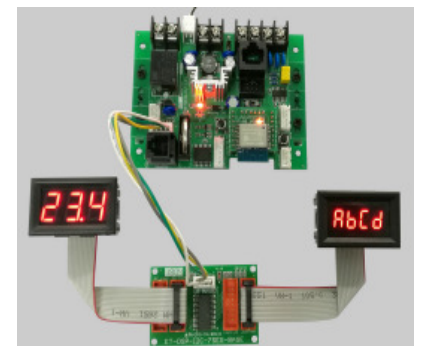


- Use IC No.HT16K33 from HOLTEK to control and adjust 16-level of Brightness
- CONNECTOR WAFER 4 PIN 2.50mm under Standard of ETT is connected via I2C BUS
- Setup 8 Address Positions of I2C ; so, it can connect a maximum of 32 3DG or 4DG DISPLAY Boards
- 4 of CONNECTOR 14PIN IDC is connected to 4 of 3DG or 4DG Display Board
- Use POWER SUPPLY 3.3V or 5.0V; it is compatible with 3.3V or 5.0V I2C BUS
- Board Size: 40.5 X 63.5 mm.

**ET-DSP 7SEG 3DG** is connected to Board ET-DSP I2C 7SEG BASE via CABLE 14 PIN IDC; it is 3-DIGIT 7SEGMENT red LED with 0.56 inch in height. It provides 1 of CABLE PAIR 14PIN IDC with 30cm. in length in set, and size of frame of display is 48 x 29 mm.

**ET-DSP 7SEG 4DG** is connected to Board ET-DSP I2C 7SEG BASE via CABLE 14 PIN IDC; it is 4-DIGIT 7SEGMENT red LED with 0.36 inch in height. It provides 1 of CABLE PAIR 14PIN IDC with 30cm. in length in set, and size of frame of display is 48 x 29 mm.

- [DOWNLOAD Manual and Example Programs, please visit http://www.etteam.com/prodDspI2C/ET-DSP\\_I2C/ET-DSP\\_I2C.html](http://www.etteam.com/prodDspI2C/ET-DSP_I2C/ET-DSP_I2C.html)



• An example shows how to connect to Board ET-ESP8266-RS485.

### 4P-I2C-4P (P-CB-A-00042)



Both terminals are HOUSING 4PIN 2.50mm. FEMALE type with 20cm. in length; it is used with Board ET-DSP I2C 7SEG PANEL3, ET-DSP I2C 7SEG PANEL4, ET-DSP I2C 7SEG BASE, ET-ESP8266-RS485.

### 4P-I2C-RJ (P-CB-A-00044)



HOUSING 4PIN 2.50mm. FEMALE to RJ11 6P-6P type with 20cm. in length; it is used with Board ET-DSP I2C 7SEG PANEL3, ET-DSP I2C 7SEG PANEL4, ET-DSP I2C 7SEG BASE, ET-ESP8266-RS485.