



## USB 16 Photo-Isolator I/O Board

### Product Code:

AUSB16PI/O USB 16 PHOTO ISO. INPUT/OUTPUT BOARD

**Bus:** USB 2.0

**Description:** Support 16 photocoupler input/output channels

Input max. load is 30V  
By jumper, you can select two range of voltage  
0 - 4.5V off and 6V - 20V on. (0 - 20V)  
0 - 16.5V off and 18 - 30V on (0 - 30V)  
PC817 photocoupler chips.  
5000V isolation voltage.

Output voltage :  $V_{cd} = 35V$ ,  $V_{ec} = 6V$ , and max.  
Collector current 50mA. (Maximaler continuous  
current < 30mA.)

32 LED correspond to I/O ports activation status.

### Connection:



Easy exchange by interchangeable screw-terminals

### Features:

For direct DIN-Rail mounting  
Also as board without  
DIN Rail adapter available

High Speed 8051  $\mu C$  Core  
USB 2.0 Function Controller  
Support USB ID 0-14 SET  
Power from USB or External DC+5V/3A

### Software/Driver:

Windows-XP Vista will use HID-interface and sample for programming,  
Linux driver and sample for programming.

### Package includes the following items:

USB 16PI/OBoard  
USB cable  
Software and Manual CD

**Operating temperature range:** from 0 to 33C.  
**Relative humidity range:** from 0 to 90%.  
**Size:** 250 mm x 120 mm x 55 mm



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