12-Channel Counter/Timer Board

OME-PCI-TMC12

1 YEAR WARRANTY CE

✔ **Four 8254 Counter/ Timer Chips On Board**
✔ **12 Independent 16-Bit Counter/Timers**
✔ **12 External Clock Inputs**
✔ **12 External Gate Control Inputs**
✔ **Gate Input Can be from External or Previous Counter/Timer Output**
✔ **5 Interrupt Sources (4 Internal and 1 External)**
✔ **2 Internal Clock Sources**
✔ **16 Digital Inputs**
✔ **16 Digital Outputs**
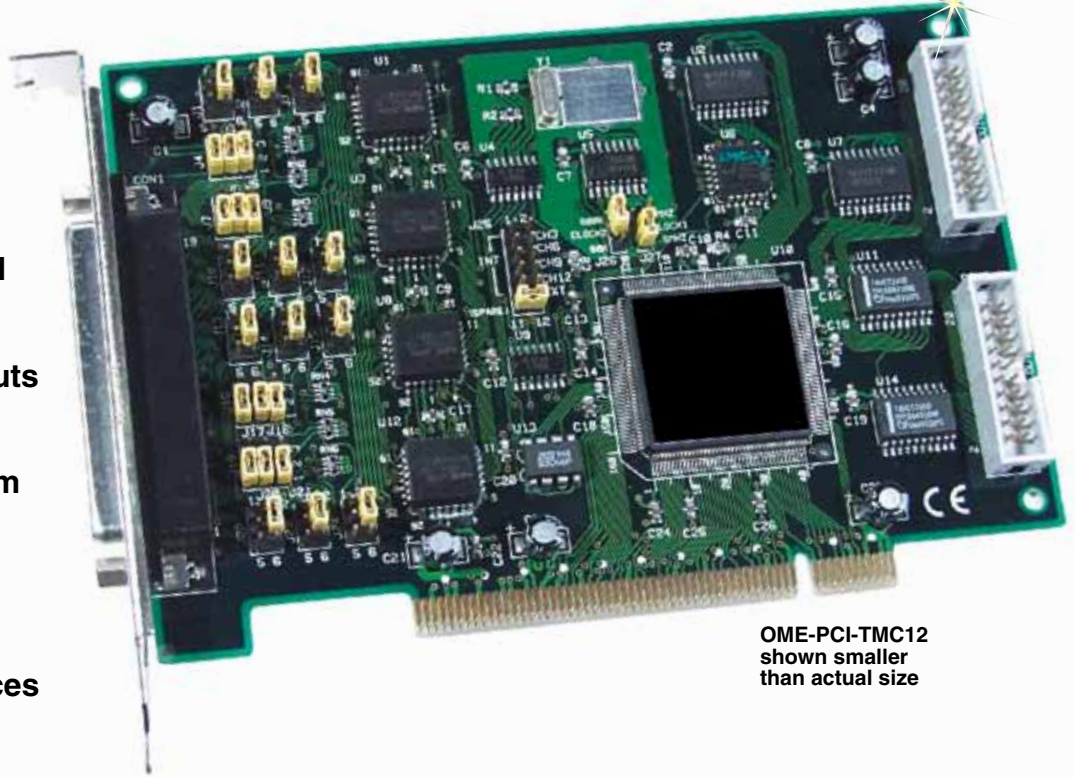
OME-PCI-TMC12 shown smaller than actual size

The OME-PCI-TMC12 is a PCI-Bus general purpose counter/ timer and digital I/O board. It provides twelve 16-bit counter/ timer channels. Two internal clock sources (8M / 1.6M and 0.8M / 80K) are selected by jumper. Four 8254 chips provide a variety of powerful counter/timer function modes to match your industrial and laboratory applications.

Software Development Kit
All boards are supplied with a standard software development kit for Windows XP/Vista/7. The software development kit includes dll files for programming in C, C++ or other high level languages and OCX files for Visual Basic or Active X programming. LabView drivers are also included.

Specifications
Input/Output Level: TTL
Input Logic High Voltage: 2.0V (min)/5.0V (max)
Input Logic Low Voltage: -5.0V (min)/0.8V (max)
Input Load Current: -0.45 mA (min) +70 µa
Output Sink Current: +64 mA (max)

Input Source Current: -15 mA
Power Consumption: +5V @ 500 mA max
Operating Temperature: 0 to 60°C (32 to 140°F)
Storage Temperature: -20 to 80°C (-4 to 176°F)
Humidity: 0 to 90% RH non-condensing

Dimensions: 105 H x 150 mm L (4.1 x 5.9")
Connector: Counter/timers, 37-pin D-sub; digital I/O, two 20-pin headers

To Order

Model No.	Description
OME-PCI-TMC12	12-channel counter/timer board
OME-DB-16P	16-channel isolated digital input board, includes 1 m (3') cable (OME-CA-2010)
OME-DB-16R	16-channel relay output board, includes 1 m (3') cable (OME CA-2010)
OME-ADP-20/PCI	20-pin extender (extends the dual 20-pin digital I/O flat cable connectors on the board to the PC slot window, includes two 20-pin cables, (OME-CA-2002)
OME-DN-37	DIN rail mount I/O connector block with 37-pin D-Sub connector, includes 1 m (3') cable (OME-CA-3710)
OME-DB-37	Direct connect 37-pin terminal board