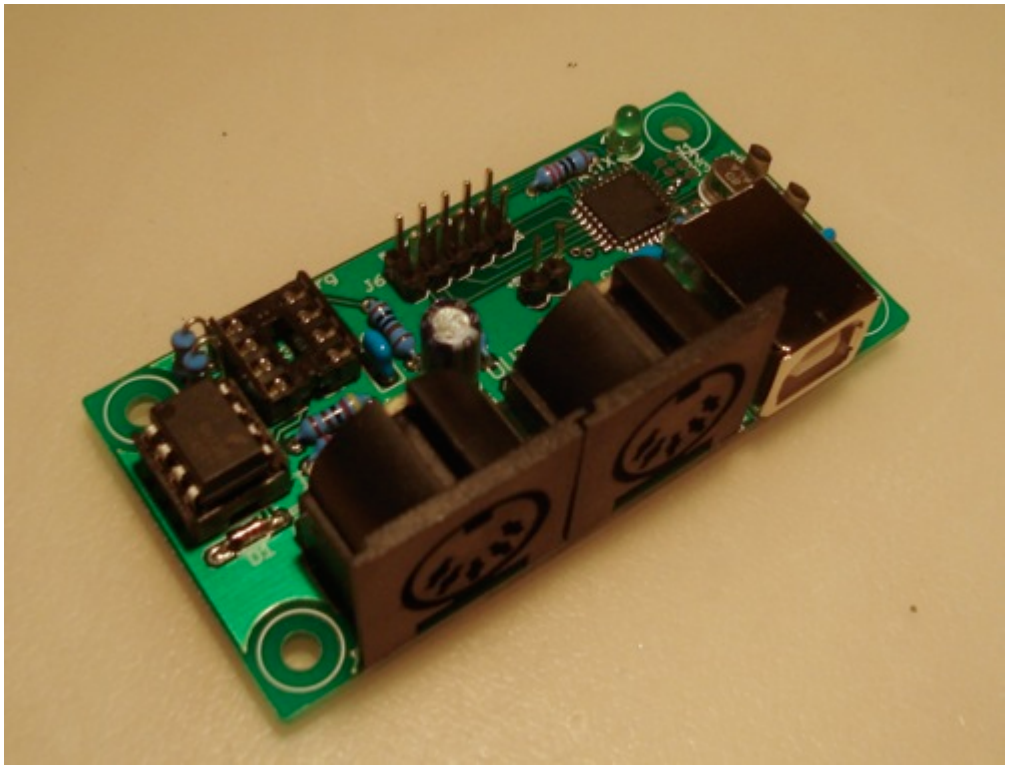
MBHP GM5 Module



Overview

The GM5 is a USB MIDI interface IC from Ploytec. It provides up to 5 independent MIDI inputs and 5 independent MIDI outputs. It is only available in a surface mount package, and only in large (250+) quantities. TK organizes regular bulk orders for this IC.

It requires no additional modules to offer basic MIDI I/O functionality.

The MBHP “USB GM5 Module” is a simple PCB which holds the GM5 IC, and all required support components for one MIDI input and output. To keep the board size small, a single MIDI input and MIDI output jack may be mounted to the board. An additional 4 inputs and outputs may be connected to the module via a single header. Each physical i/o would require its own support parts (optocouplers, resistors, diodes etc). “Digital I/O” pins are also available for direct interface to a Core module, without need for optocouplers.

Alternatively, the “GM5x5x5” module has been designed, which fits the GM5 IC and all jacks and parts for a full 5 MIDI inputs and outputs.

Construction

Parts

Operation

Drivers

Setup

Windows

Linux

Mac OS X

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