MIDI IN

SJ3 configures the transmitting port as a MIDI out (default) or MIDI thru.
'Out' transmits data from 328.
'Thru' copies data stream from input.

MIDI OUT

SJ1, SJ2 select between hardware serial port (pins 0, 1) and soft serial (pins 8, 9).
Hardware serial selected by default.

Shield Connections and controls

Shield Vcc is provided by Arduino 5V line. The MIDI standard specifies 5V operation.

SJ4, SJ5, SJ6, SJ7 implement power-over-MIDI, using pin assignment proposed by Craig Anderton.
Close JP4 & 5 to power the MIDI input.
Close JP6 & 7 to power the output.

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TITLE: SparkFun_MIDI_Shield

Design by: Chris Taylor
Revision By: Byron Jacquot
Date: not saved!

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