



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SHIELD-MIDI



MIDI SHIELD FOR DUINOMITE, PINGUINO, MAPLE, ARDUINO LIKE DEVELOPMENT BOARDS

This is MIDI shield which allow Arduino like boards to receive and send MIDI messages. The shield allows direct wiring of up to 5 piezzo sensors and a keyboard (with buttons and serial resistors) making it ideal for drums project. The project is based on the open hardware design: [source web site](#)

FEATURES

- MIDI-IN, MIDI-OUT and MIDI-THRU connectors
- 5 Piezzo sensors for Drum implementation
- Keyboard for piano implementation
- works with both 3.3V and 5V Arduino-like boards

DOCUMENTS

- [SHIELD-MIDI Users manual](#)

HARDWARE

- [SHIELD-MIDI schematic](#) in PDF format released under [Creative Commons Attribution-Share Alike 3.0 United States License](#)
- [SHIELD-MIDI schematic and board](#) in Eagle format released under [Creative Commons Attribution-Share Alike 3.0 United States License](#)

SOFTWARE

- [The official place for the library](#)

DuinoMite-Mega BASIC example for MIDI drums
PIC32-PINGUINO demo example
OLIMEXINO-328 demo example
OLIMEXINO-STM32 demo example



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