

# Modules and Parts

- [Parts FAQ - Questions and Answers](#)

## Ordering

- [Kits & Pre-made PCBs](#)
- [Parts Suppliers by Country](#)

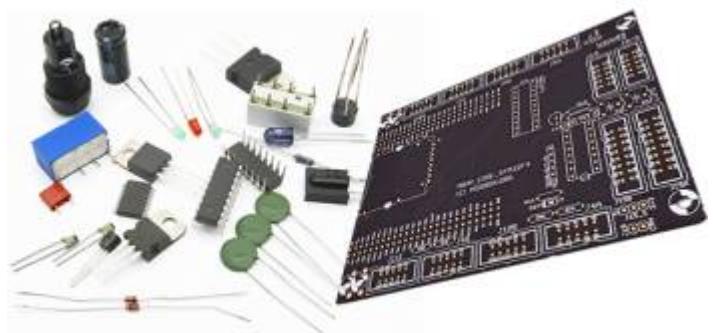
## Bulk Orders

- [Organizing Bulk Orders](#)

## Running

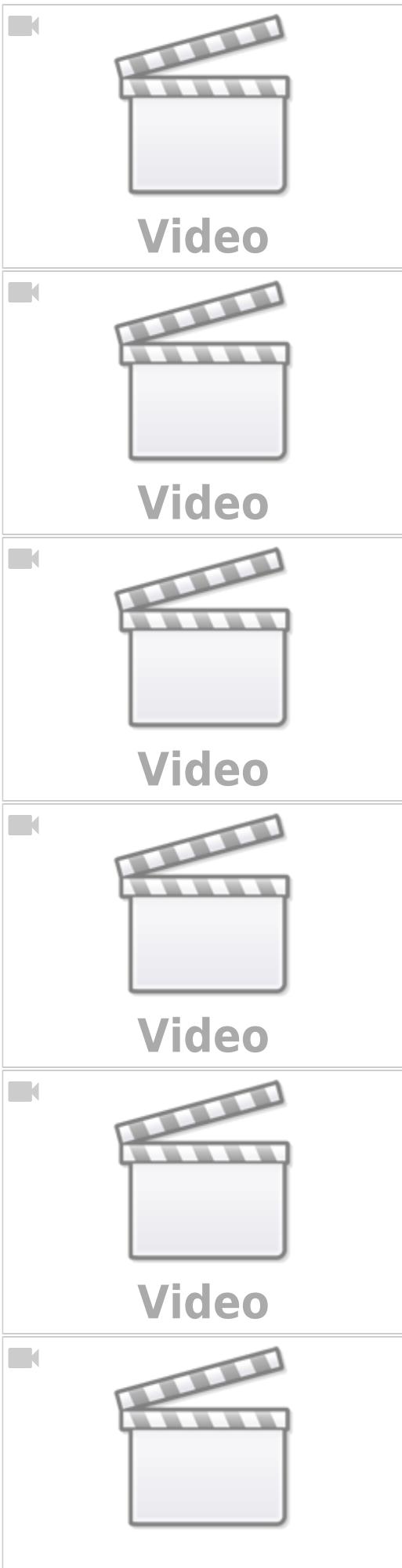
- [BLM 16x16 PCB+Case](#)

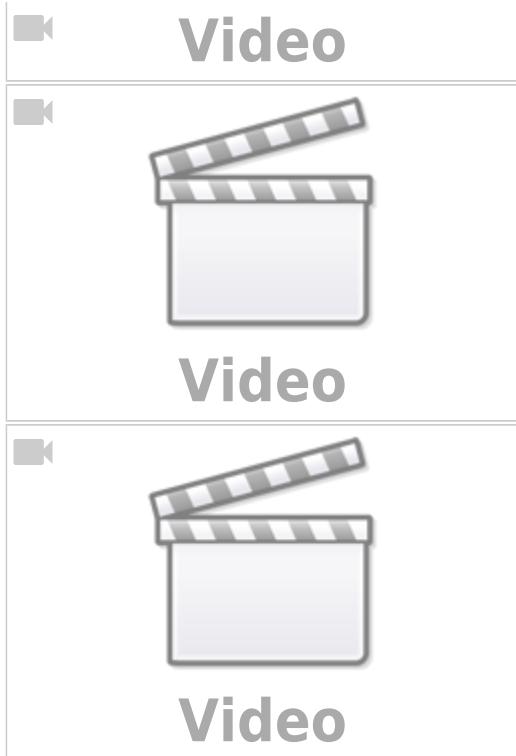
## Internal Boards Components



- [Resistor](#)
- [Capacitor](#)
- [Potentiometer](#)
- [Diode](#)
- [Transistor](#)
- [Integrated Circuit](#)
- [Audio Synthesis Integrated Circuit](#)
- [Quartz](#)

## Video tutorials





## Control Surface Components

### Digital

- LED
- LED DotMatrix
- Switch
- Illuminated Switch
- Encoders
- Diode

### Analog

- Potentiometer
- Fader
- MotorFader
- Piezo
- **Other Sensors**

### Displays - Misc

- Numeric Display
- LCDs
- OLED
- Knobs

# Connections

- PinHeader
- Sockets
- Connectors and Ribbon Cable

# MIDIbox Boards Parts lists

## Core Boards

- **Core32\_STM32F4 - Current Core Module**
- Core32\_LPC17 -  Obsolete
- Core8 -  Obsolete - Original PIC Core

## Digital Inputs/Outputs

- DIN
- DOUT
- DIO\_MATRIX
- MIDI\_IO

## Analog Inputs/Outputs

- AINSER8
- AINSER64
- AOUT
- AOUT\_LC
- AOUT\_NG
- MF\_NG
- AIN

## Audio Synthesis Modules

- SID
- OPL3
- TIA
- AY
- SpeakJet
- Genesis

## Power Supply

- DIY Power Supplies

## Software Components Librairies

### KiCAD Library

Add a KiCAD library for ICs used in MBHP Modules

### Eagle Libraries

- Novski's Eagle Schematics
- Eagle MIDIBox Library
- Eagle3D MIDIBox User Pack

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Last update: **2016/07/18 14:08**

