

# Modules

## Core

[core](#)

## Core32

[core32](#)

## LCD

[lcd](#)

## Bankstick

[bankstick](#)

## LTC

[ltc](#)

## DIN

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## DOUT

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## AIN

[ain](#)

## AOUT

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## **AOUT\_NG**

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## **AOUT\_LC**

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## **SID**

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## **USB\_GM5**

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## **USB old**

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## **IIC MIDI**

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## **IIC Speakjet**

[iic\\_speakjet](#)

## **Parts**

## **PCB**



## SmashTV

### Mike's

### Etching

[etching\\_pcb](#)

## PIC

### 18F452 (I/P)

[18F452](#)

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- Basic Specs
- Pros/Cons

### 18F4620

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### 18F4685

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## STM32

### F103RB

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## F103RE

### F103RE

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## Parts Wiki Page

[parts](#)

## Skills/Tools?

[skills](#)

needs comilation from [basics](#)

## Tools/Preparation page?

[preparation](#) move [stryd\\_one\\_preparation](#)

and should be broken up and compiled with [basics](#) as required

## Soldering

[soldering](#)

## Enclosures/Cases

[constructing\\_enclosures](#)

[http://www.midibox.org/users/tor\\_arne/midibox64\\_walkthrough/case.html](http://www.midibox.org/users/tor_arne/midibox64_walkthrough/case.html)



## Troubleshooting

[troubleshooting](#)

## Troubleshooting apps

### troubleshooting\_apps

list -

- dout\_buttons
- dout\_enc
- enc\_speed
- iic\_midi\_sw\_loopback
- jitter\_mon
- lcd\_interconnection\_test
- mbfm\_interconnection\_test
- mbfm\_testtone
- mbsid\_interconnection\_test
- mbsid\_led\_matrix\_test
- mbsid\_testtone
- mf\_calibration
- mf\_direct\_control
- revision\_id
- srio\_interconnection\_test

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