# Modules

## Core

core

## Core32

core32

## LCD

lcd

## Bankstick

bankstick

## LTC

ltc

## DIN

din

## DOUT

dout

## AIN

ain

## AOUT

aout

### AOUT_NG

aout_ng

### AOUT_LC

aout_lc

### SID

sid

### OPL3

opl3

### USB_GM5

usb_gm5

### USB old

usb_old

### IIC MIDI

iic_midi

### IIC Speakjet

iic_speakjet

## Parts

### PCB



### SmashTV

### Mike's

### Etching

etching_pcbs

## PIC

### 18F452 (I/P)

18F452

- About
- Basic Specs
- Pros/Cons

### 18F4620

18F4620

- About
- Basic Specs
- Pros/Cons

### 18F4685

18F4685

- About
- Basic Specs
- Pros/Cons

## STM32

### F103RB

F103RB

- About
- Basic Specs
- Pros/Cons

**F103RE**

F103RE

- About
- Basic Specs
- Pros/Cons

### 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 


## 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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