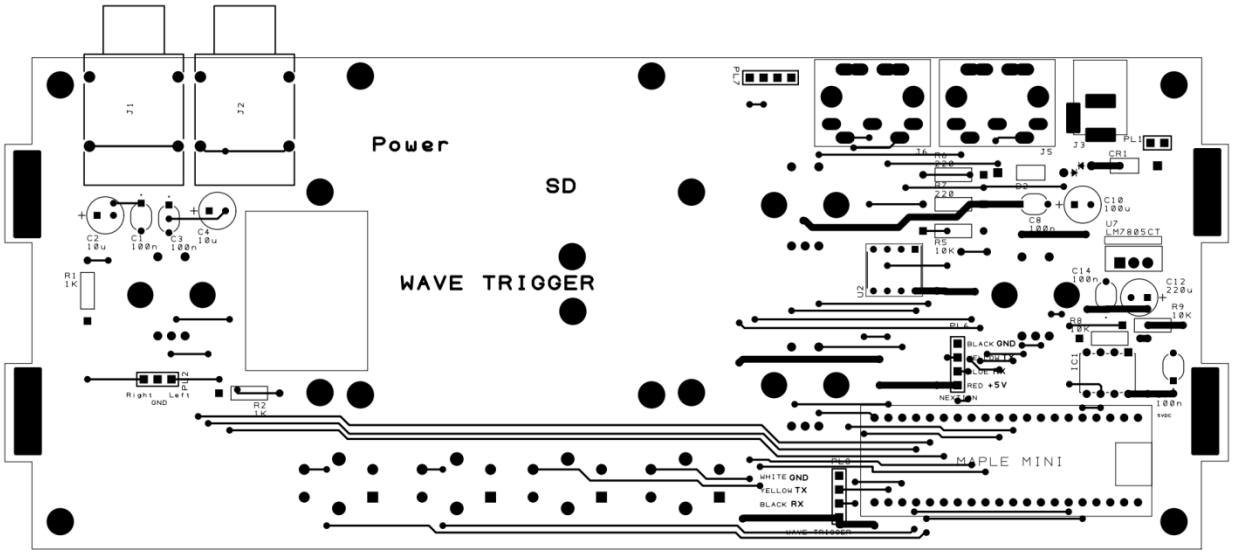
DESIGNATION	QT
Nuts Ecrou M3	20
Spring 3mm	4
Screw M3*12mm	8
Nuts M7 Encoder for the case	4

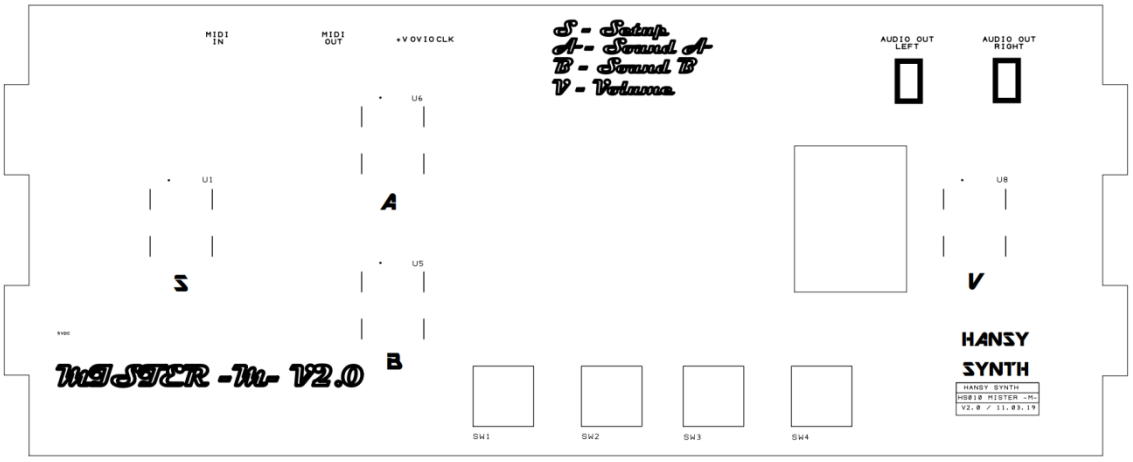
Contents

PCB

Bottom



Top

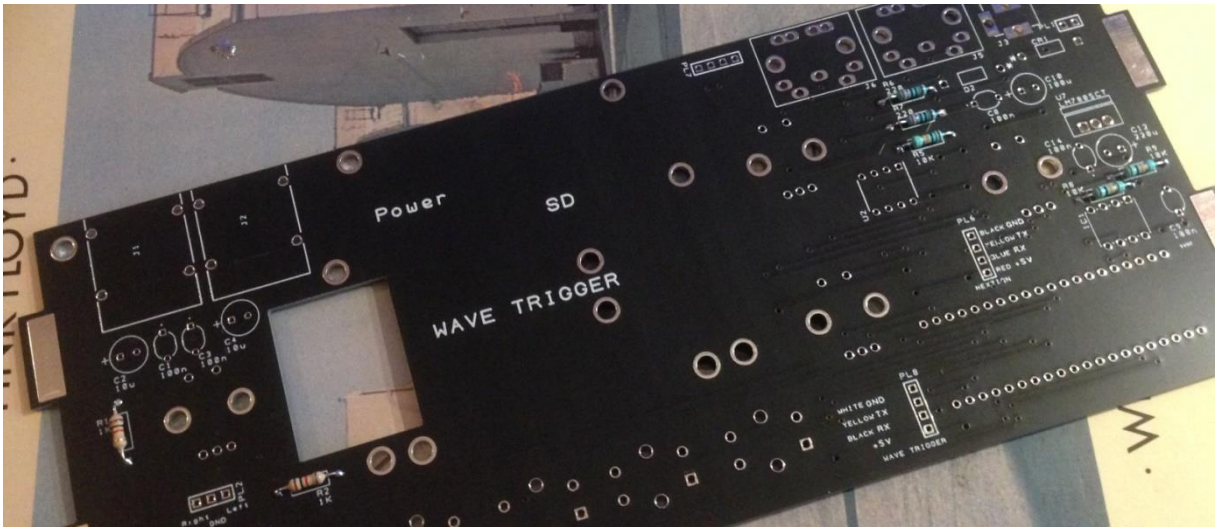


RESISTOR

200 Ohm R6,R7

10 KOhm R5,R8,R9

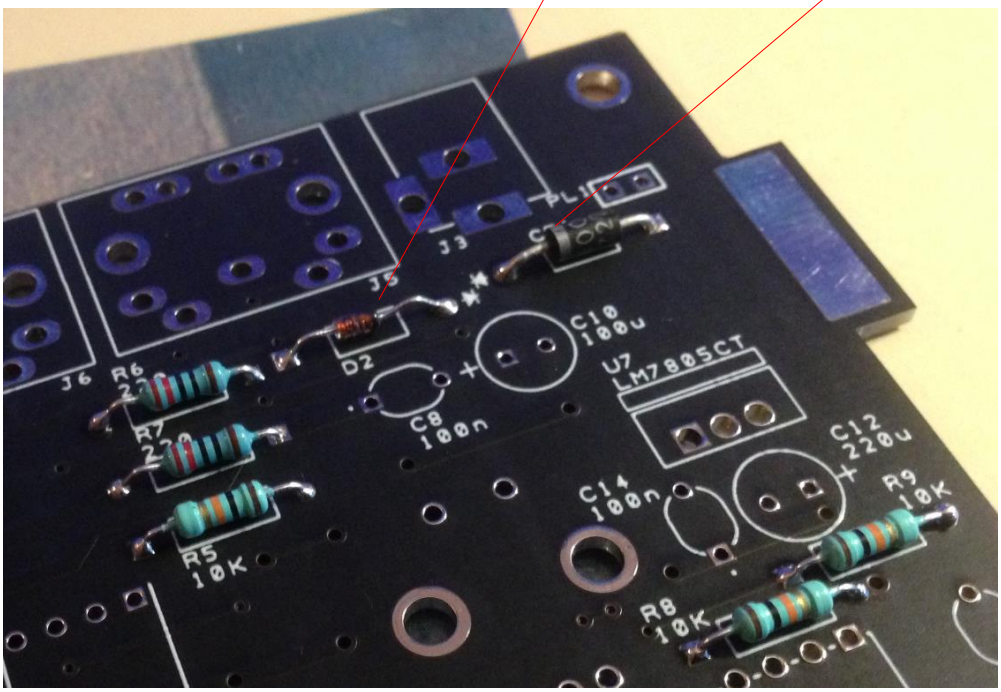
1 KOhm R1,R2



DIODES

1N4148 D2

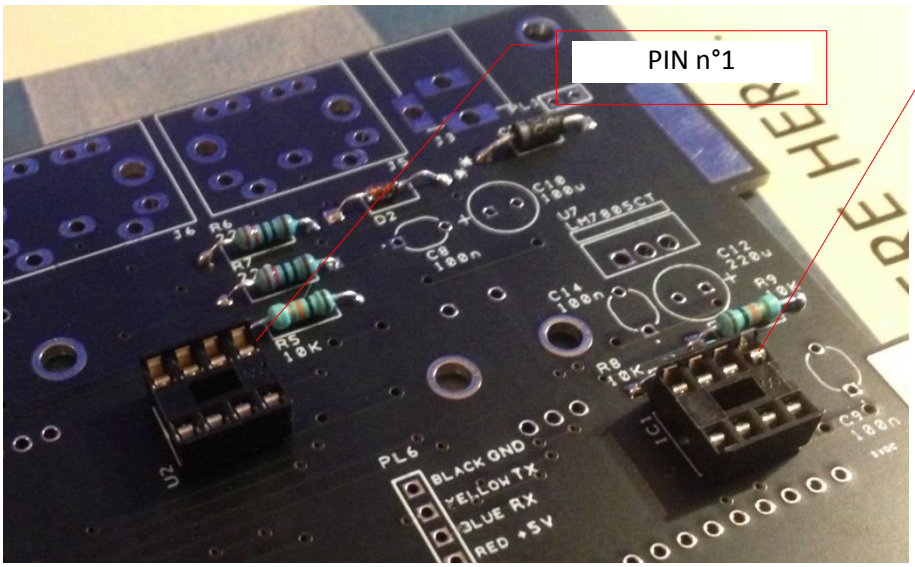
1N4004 CR1



IC SOCKETS

8 pins IC1,U2

Pin1 = square pad

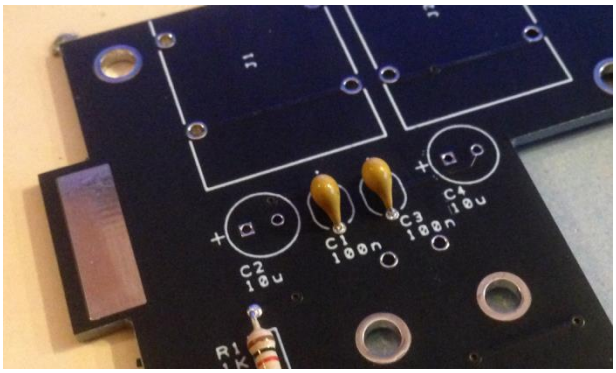


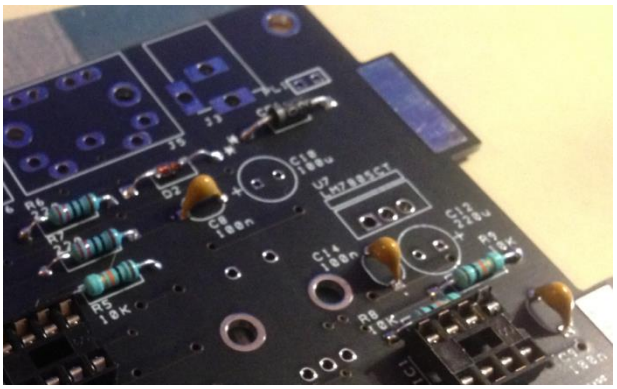
IC1 = Eeprom 24LC256 pin1 = little point on the component

U2 = 6N137 pin1 = little point on the component

CAPACITOR 100nf

100nF C1,C3,C8,C14,C9



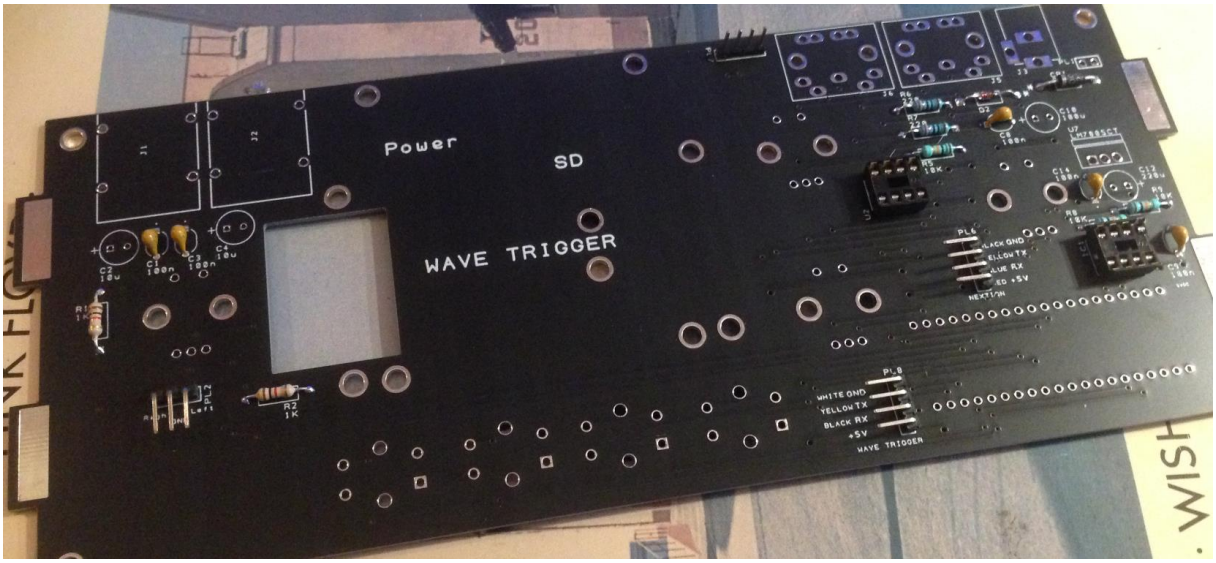


CONNECTORS

2 pins PL1

3 pins PL2

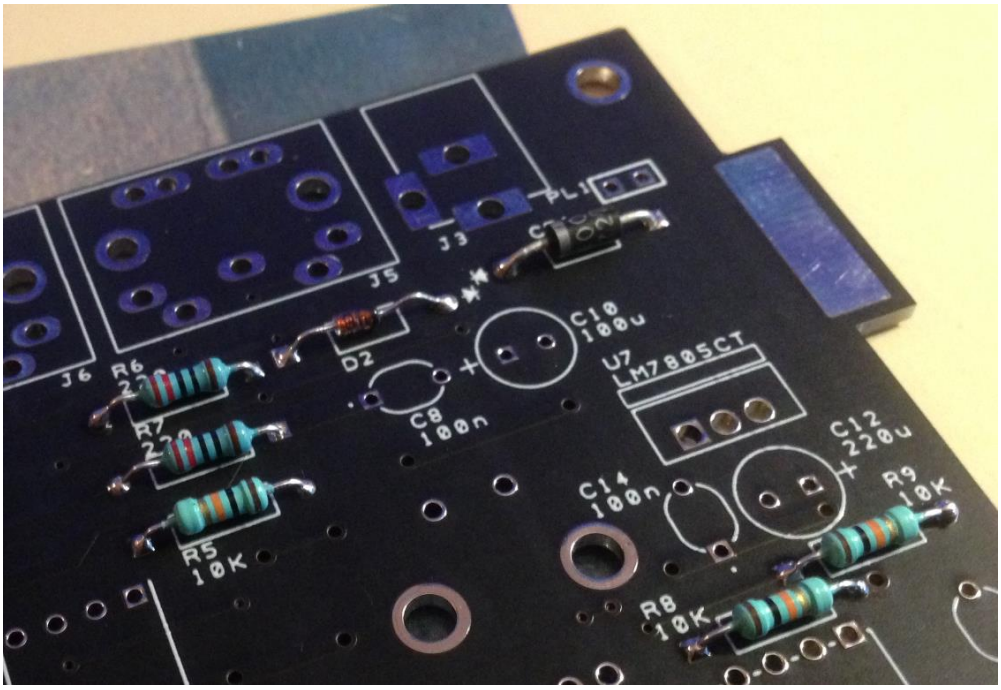
4 pins PL7,PL8,PL6



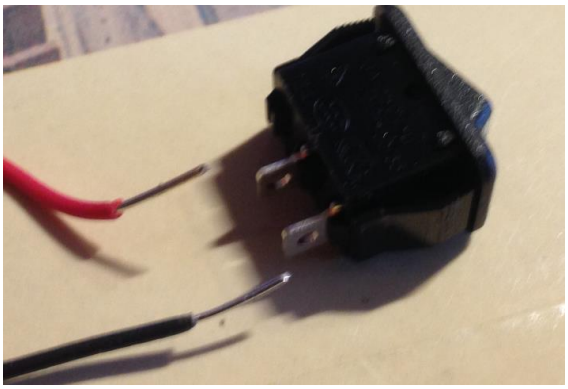
PL1 USAGE

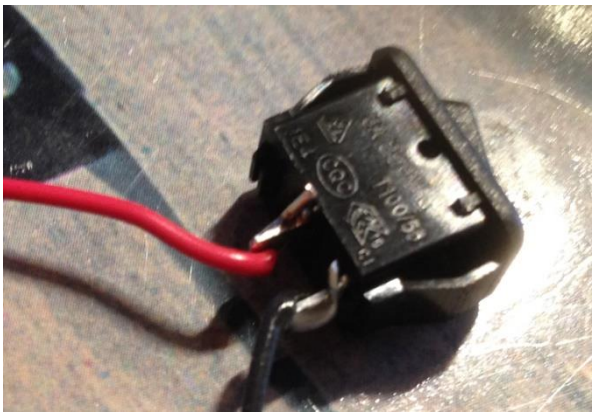
You Can connect a switch on PL1 if you have the case

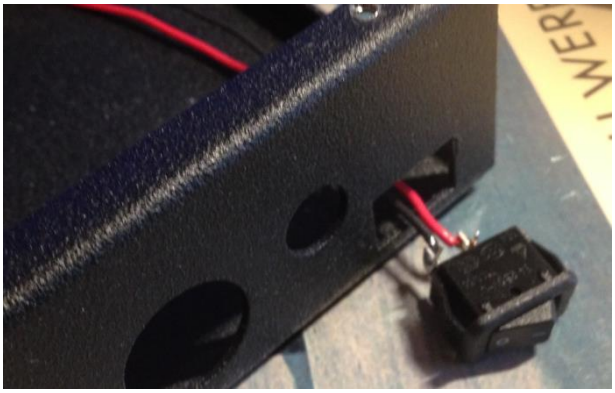
If you have the PCB version just connect the two pin together

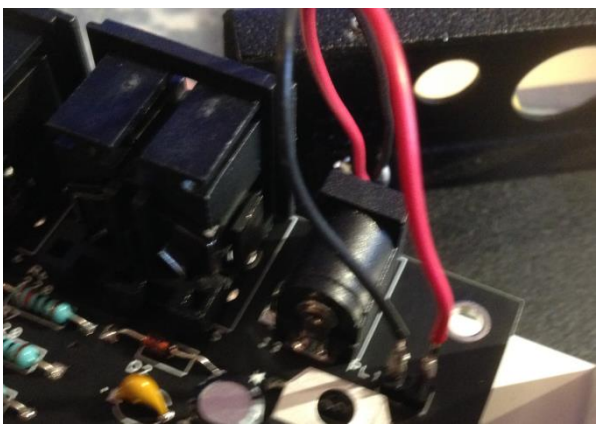


SWITCH ON/OFF – ONLY FOR THE MODEL WITH CASE



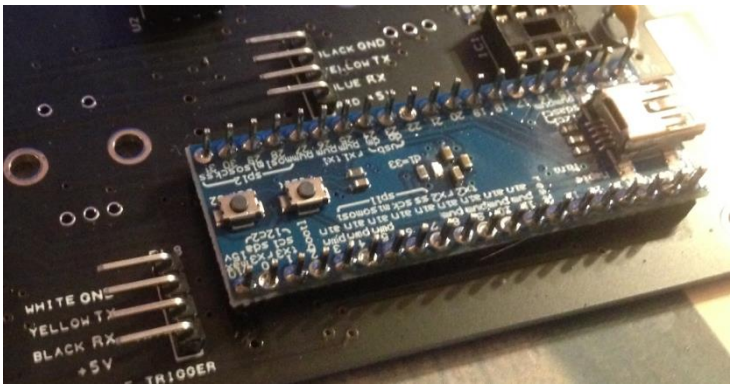






MAPLE MINI

Higher pin

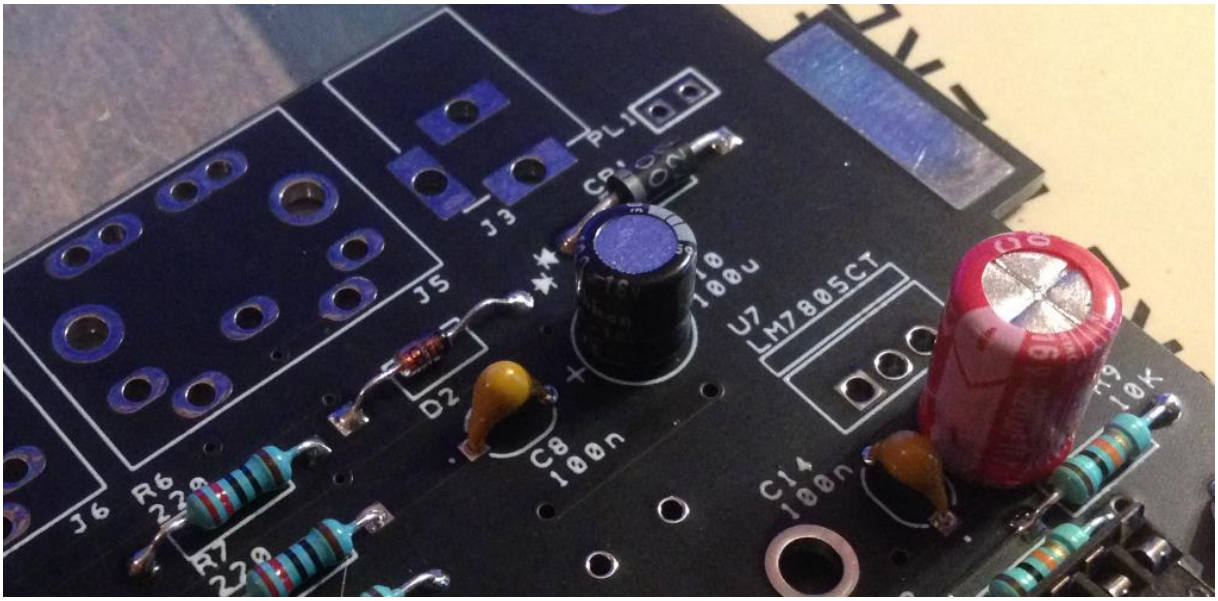


OTHER CAPACITOR

100uF C10

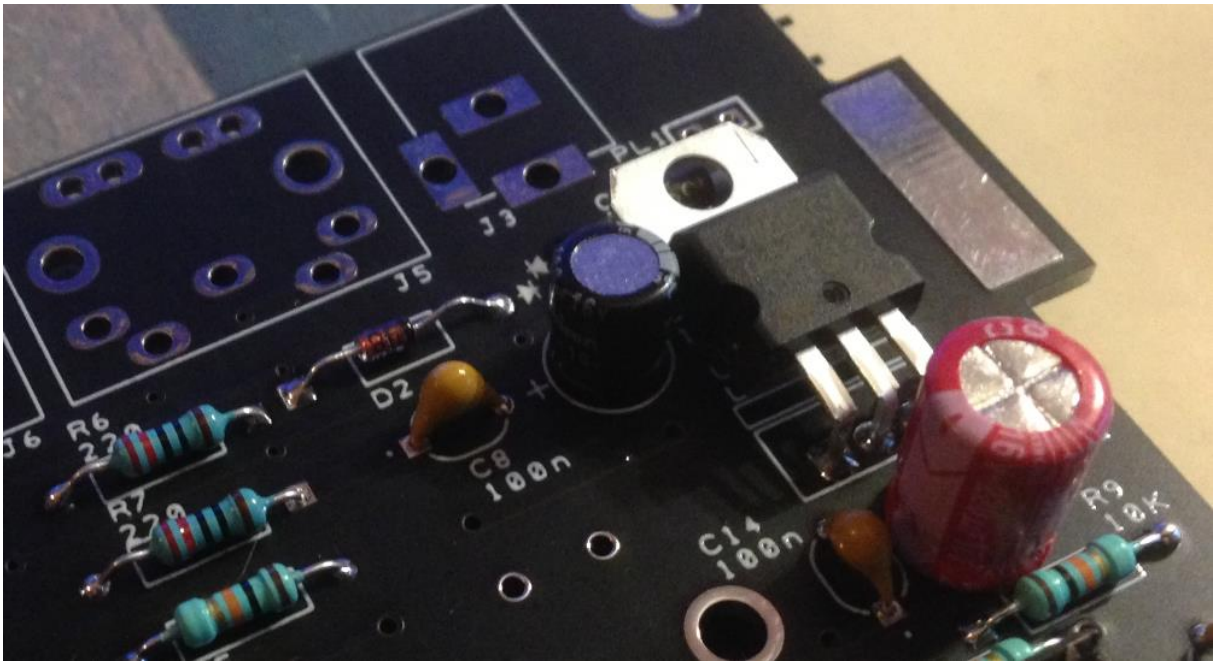
220uF C12

Please respect the direction: On the PCB you have two "+" near these capacitors and on the capacitor the "-"is write



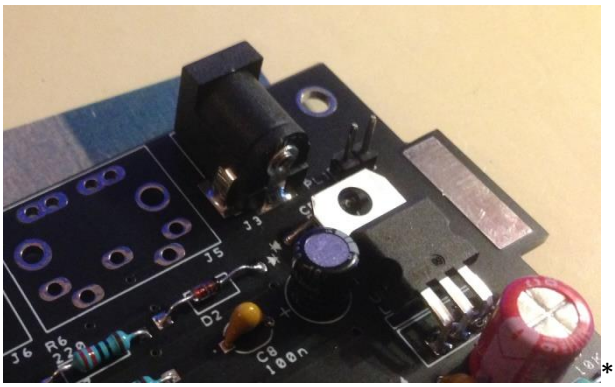
REGULATOR

Be careful: Do not touch the CR1 diode with the body of the regulator



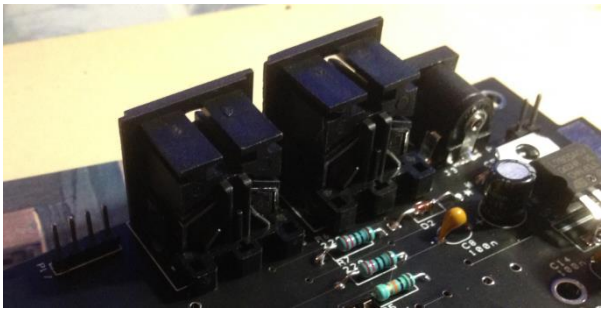
CONNECTORS

POWER SUPPLY

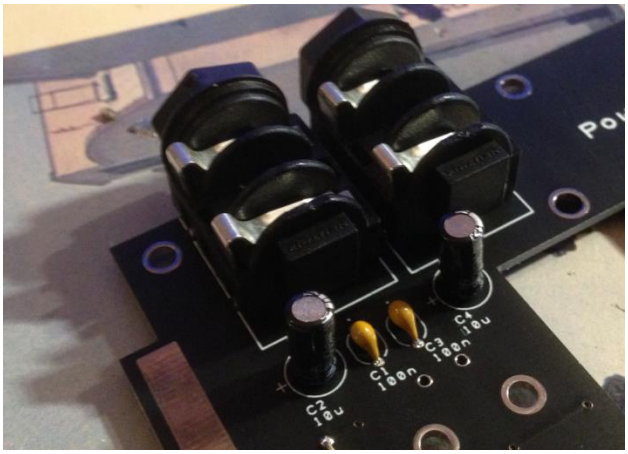


*

MIDI



JACK



PUSH BUTTON

ENCODERS

UPDATE THE WAVE TRIGGER

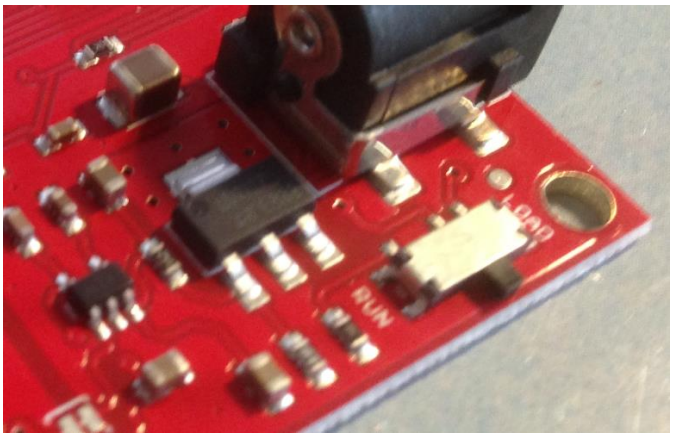
For further information you can visit this web site

ROBERSTRONIC

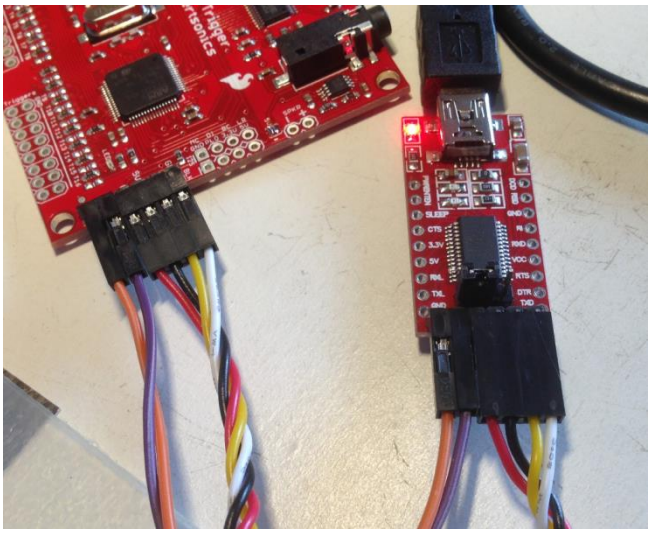
And this one

SPARKFUN

The switch near the power supply must be in the “LOAD” Position



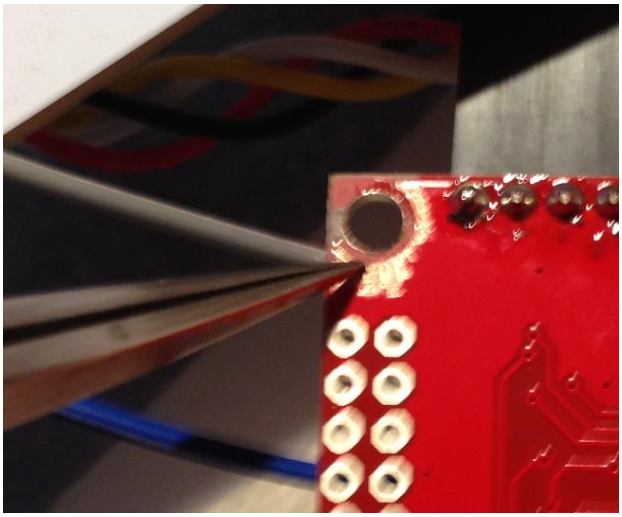
FTDI Connections



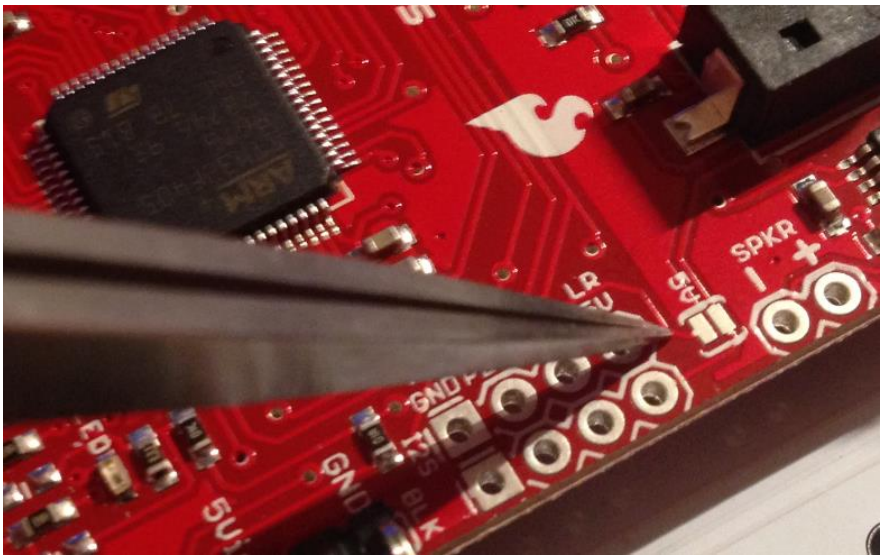
After the firmware update do not forget to switch to the run position

PREPARE THE WAVETRIGGER

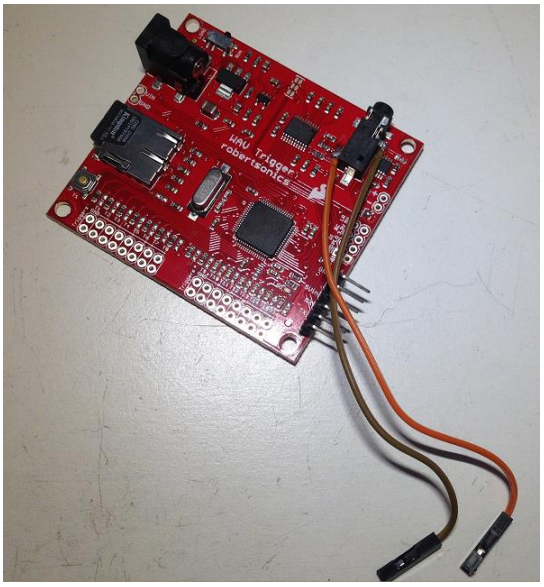
To prepare a good ground please scratch a little bit the silkscreen under the wavetrigger (near the four holes)

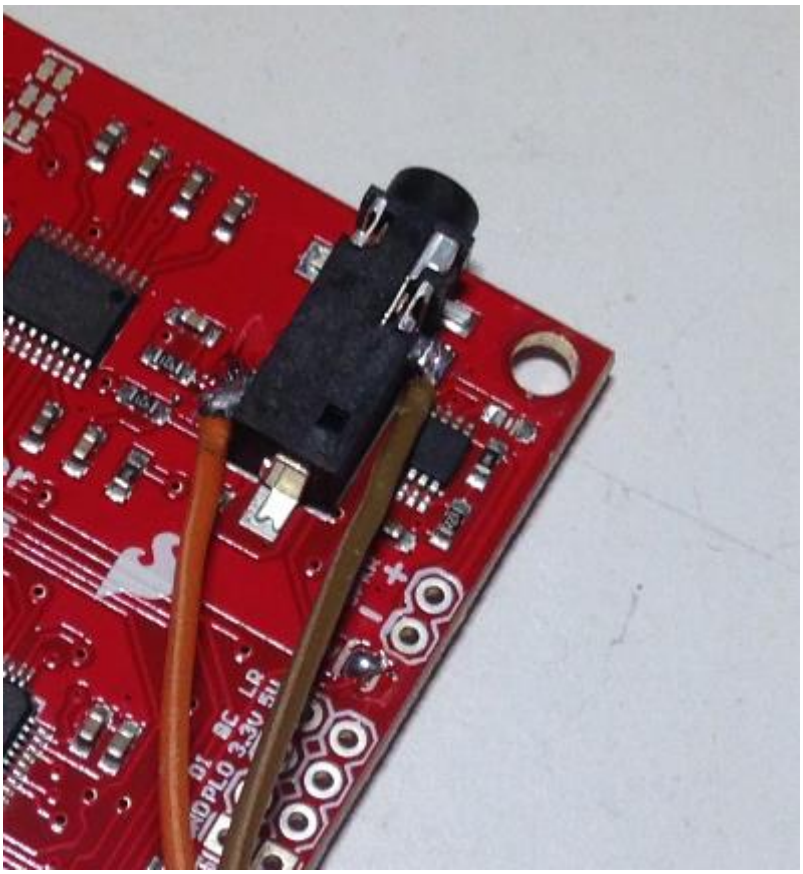


Connect the 2 points 5V (see the picture chapter AUDIO OUTPUT WAVETRIGGER



AUDIO OUPUT WAVETRIGGER

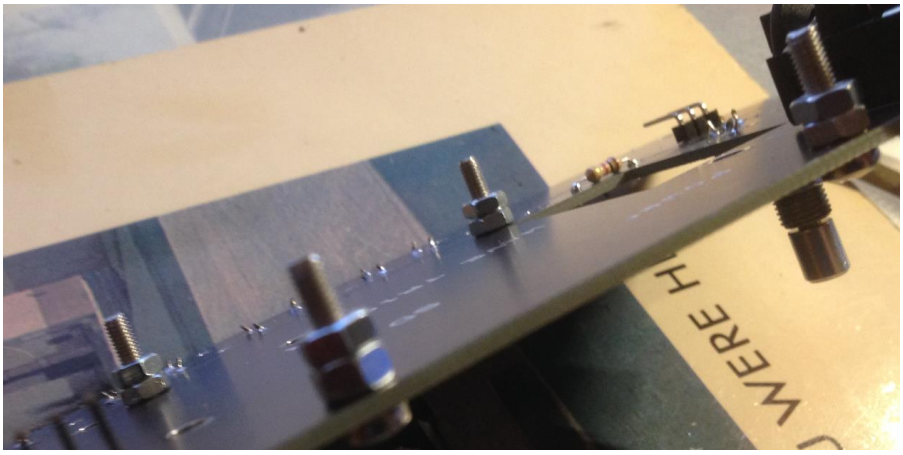


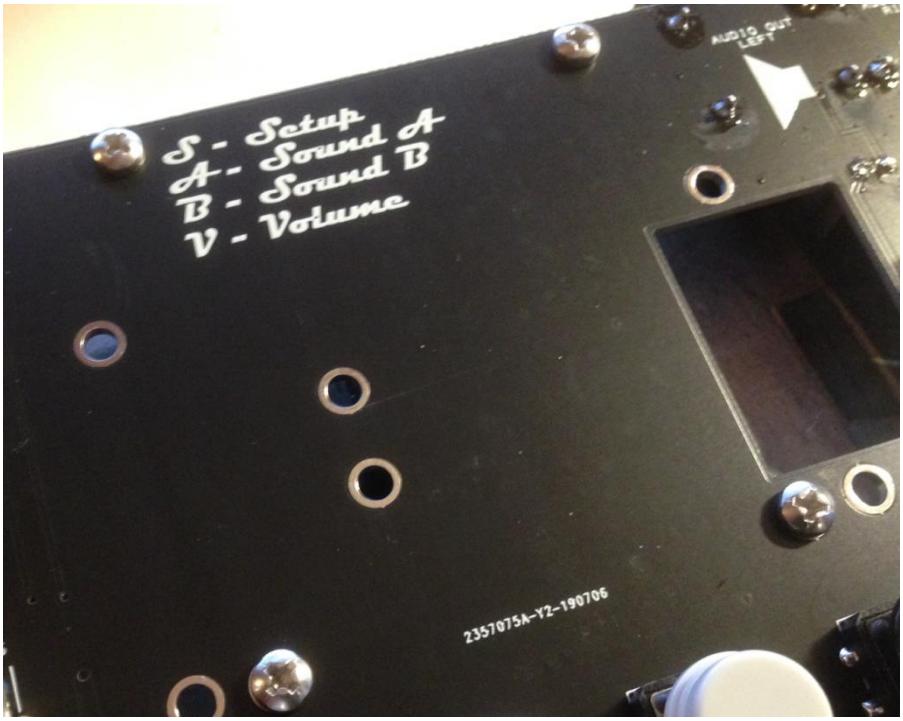


SCREWS FOR THE WAVETRIGGER

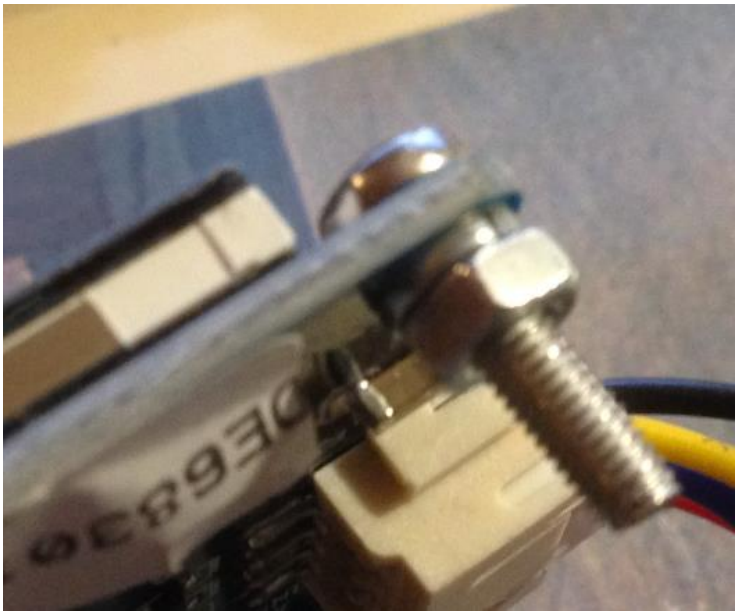
4 Screws M3*12

8 Nuts M3





PREPARE THE SCREEN

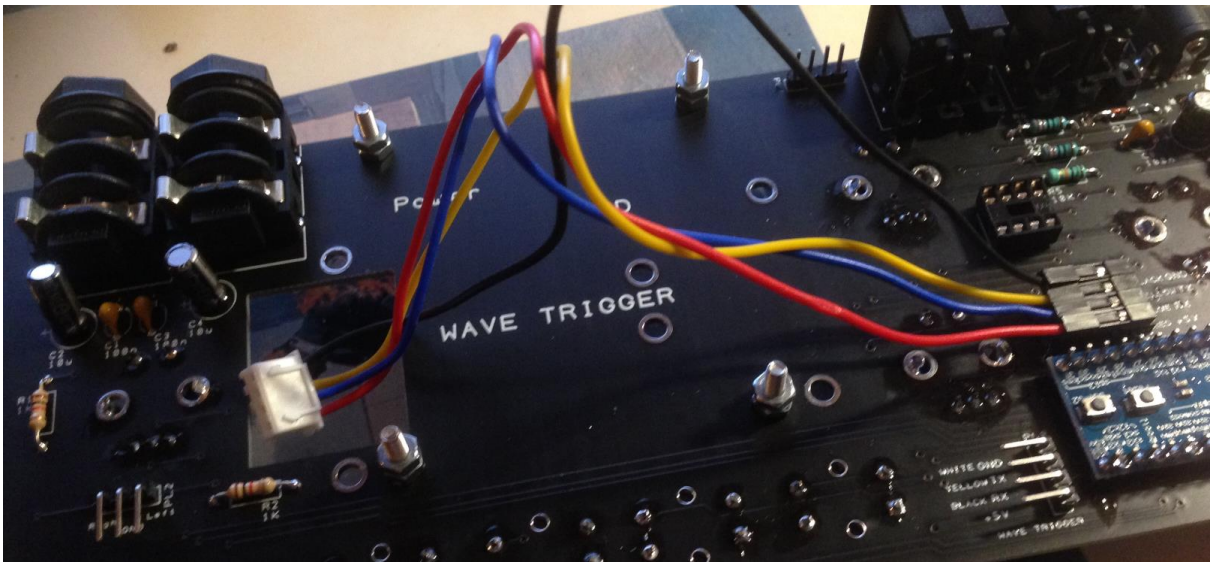


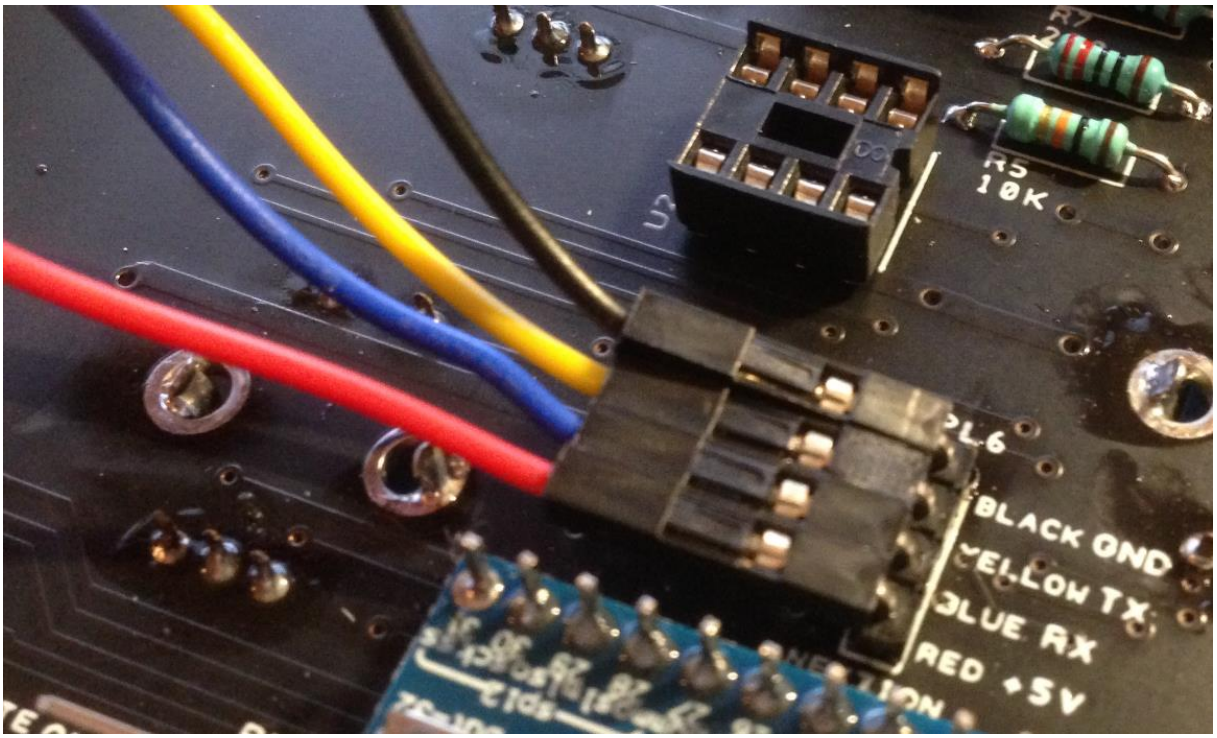
4 Screws 3*12 mm

4 springs

4 Nuts M3

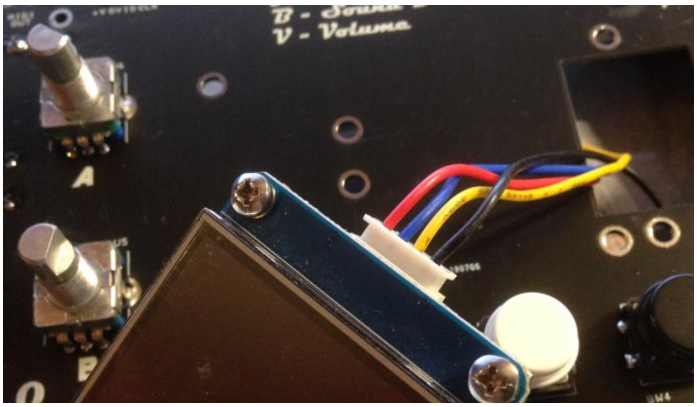
INSERT SCREEN CONNECTOR



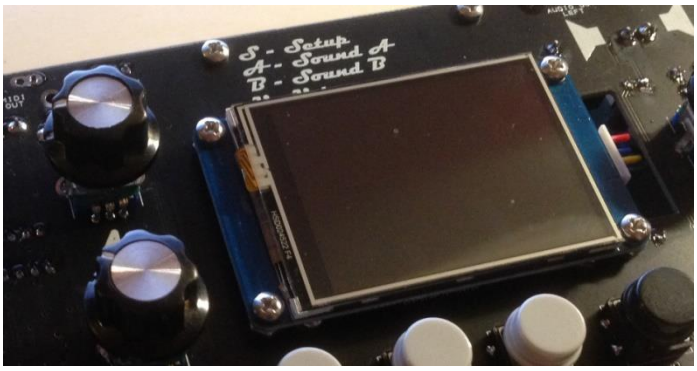


INSTALL THE SCREEN

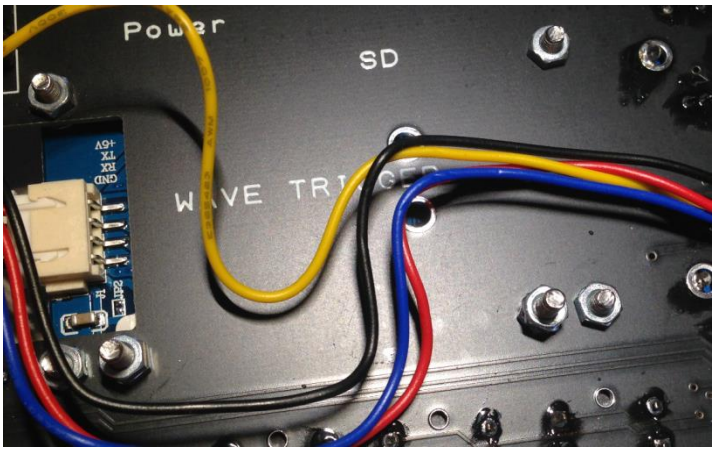
Connect the cable



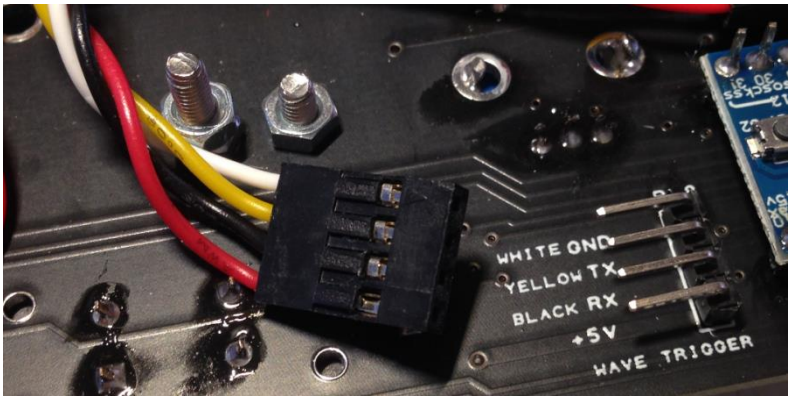
Insert the 4 screws

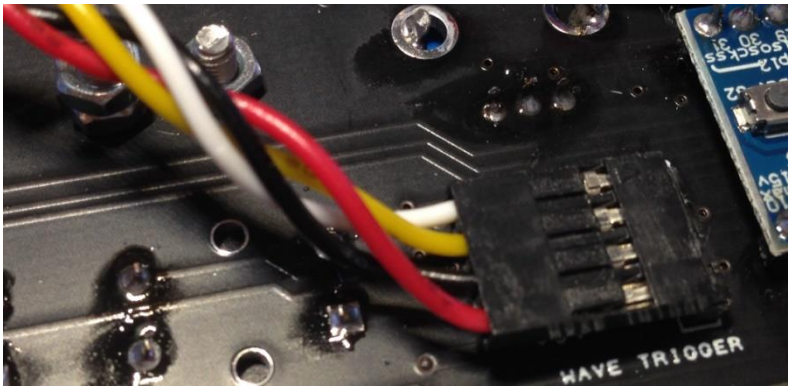


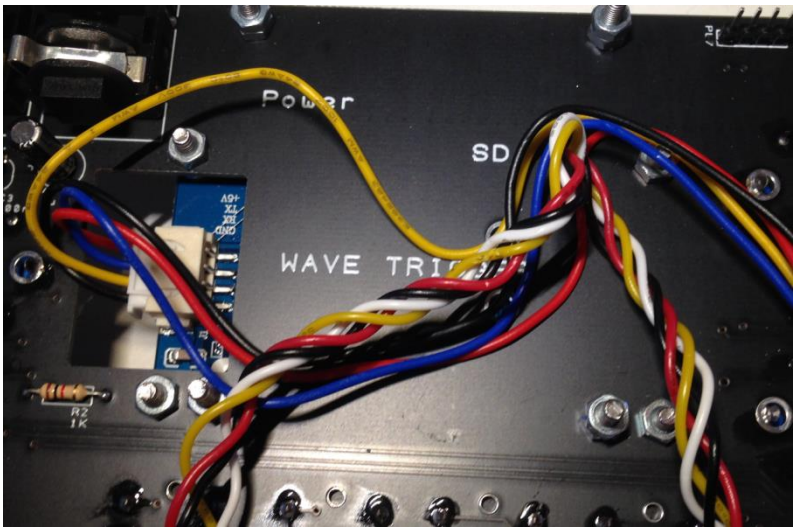
Insert the 4 nuts



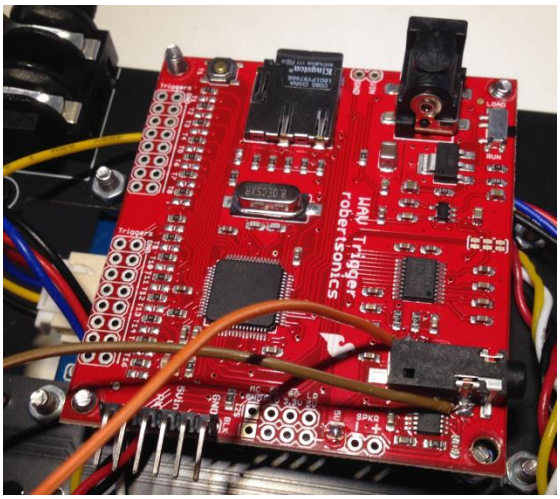
CONNECT THE WAVE TRIGGER



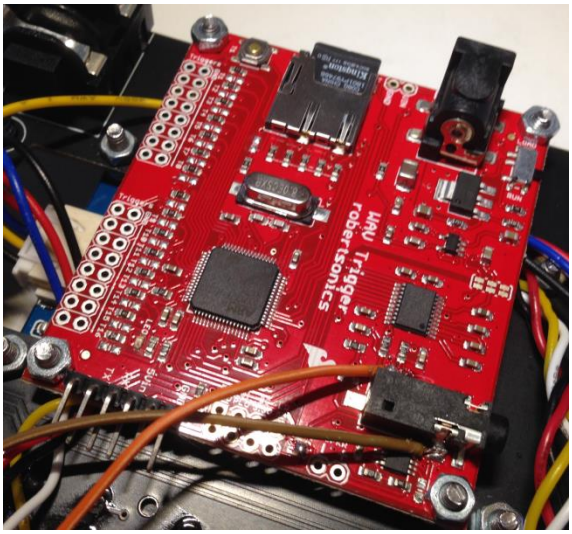




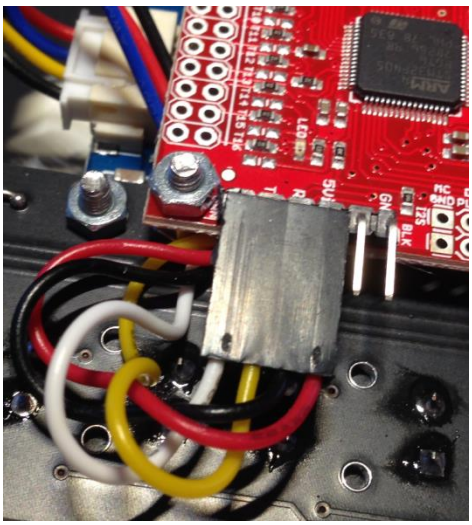
Install the wave trigger board



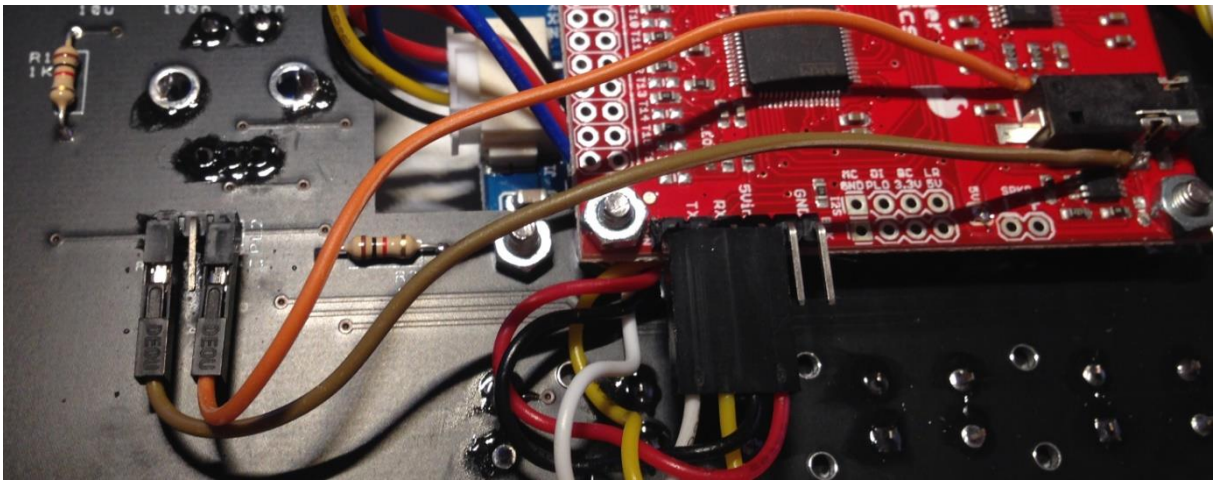
Insert the 4 nuts

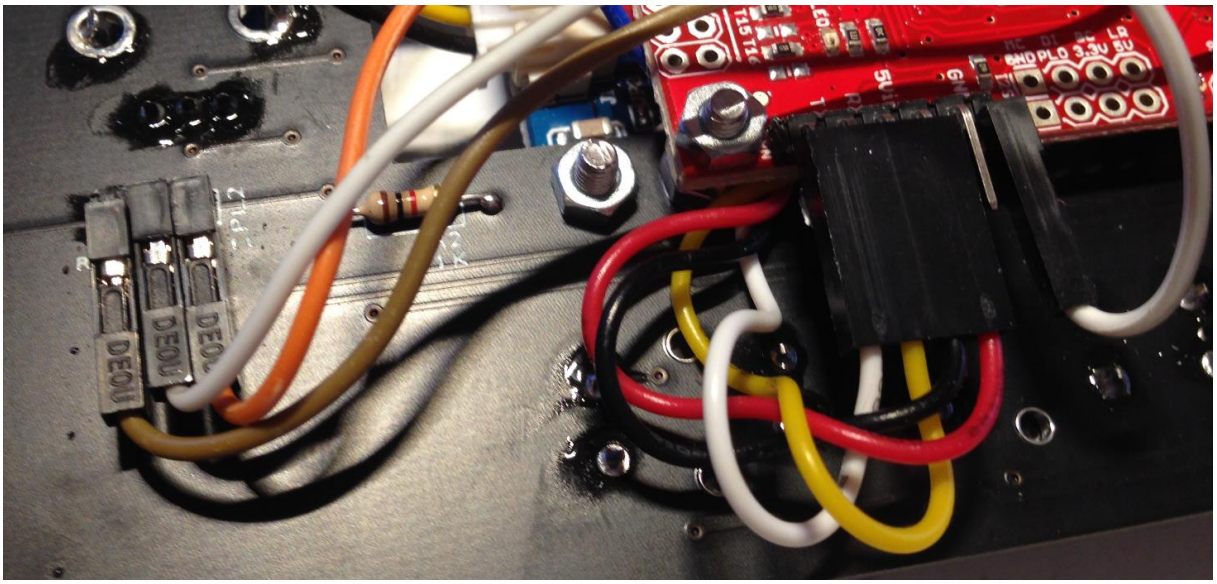


Insert the wire



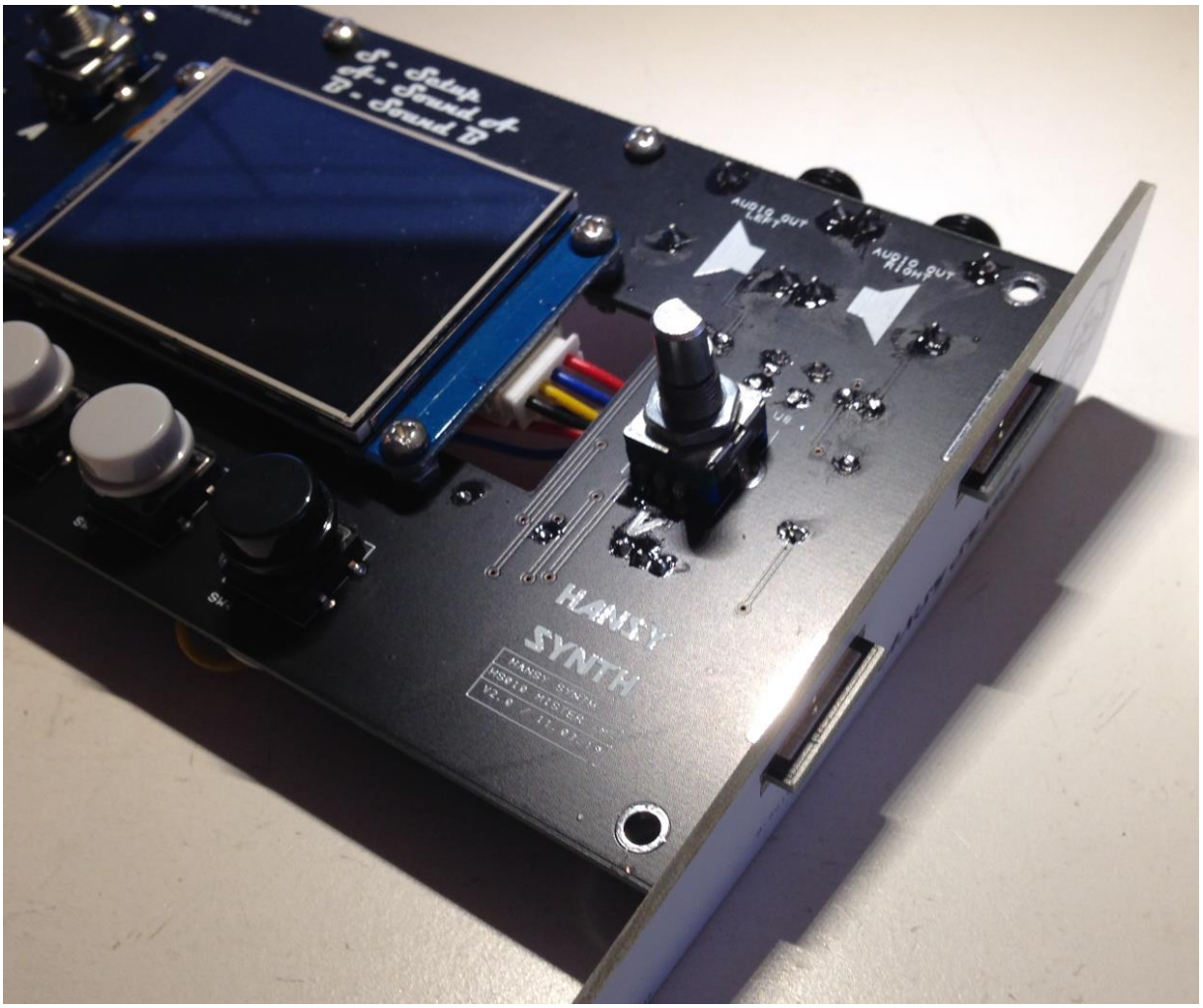
CONNECT THE AUDIO OUTPUT





INSTALL THE TWO SIDE FOR THE MODEL WITHOUT CASE

Do not forget to sold the two side



UPDATE THE MAPLE MINI

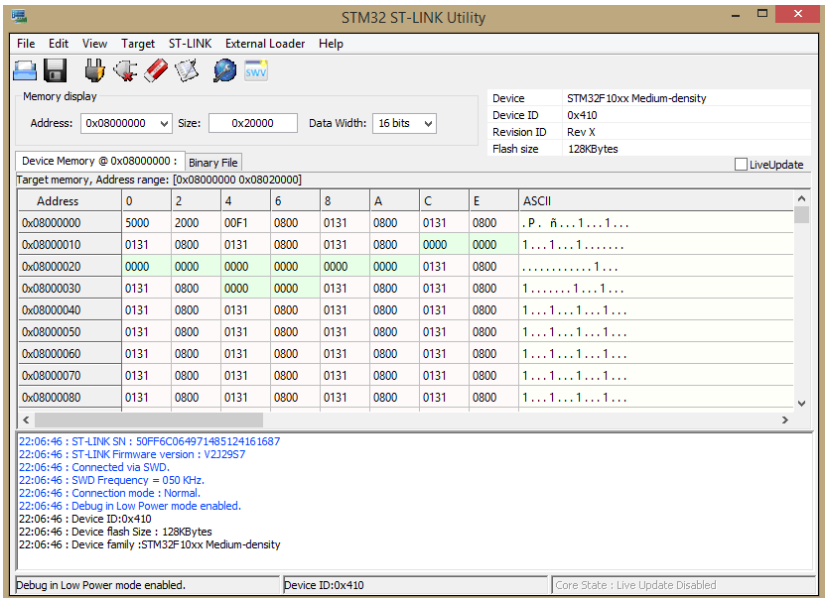
Connect the ST LINK

Download the ST LINK utility

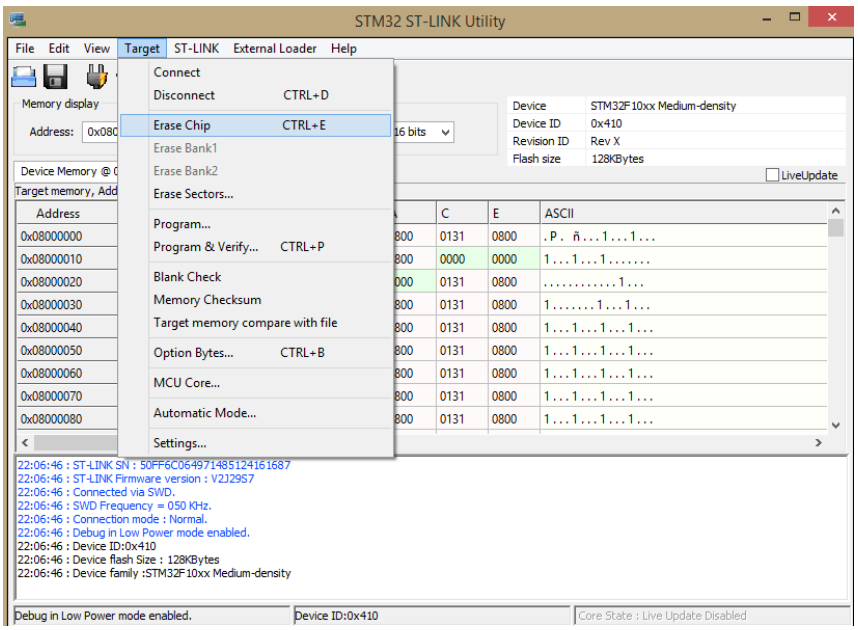
Start the Mister M with the 2 push buttons on and release the reset button then the other push button

Select taget on the menu then connect

You should see the content of the memory



Select target on the menu then erase chip to erase the bootloader



Select the file to update the firmware

Select program

THE SD CARD

Go to the cloud drive

HERE

Copy the files on the root directory to the SD card , do not copy the other folders.

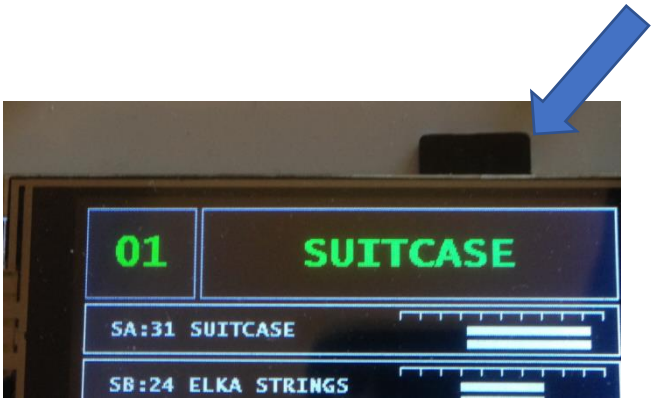
UPDATE THE SCREEN

UPDATE NEXTION SCREEN YOU TUBE

Copy the file MisteMVx.x.tft on a micro SD Card

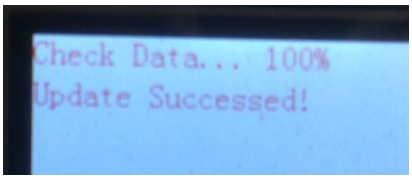
Open the Mister –M-

Insert the SD card on the screen



Power on the Mister-M-

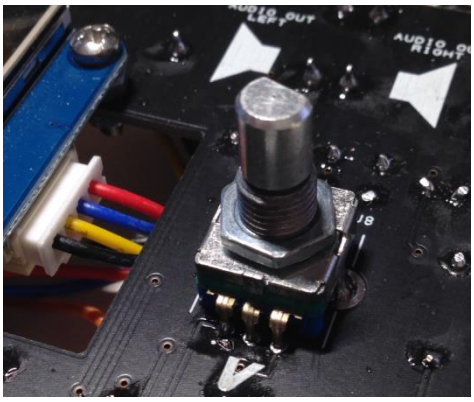
The update will automatically start

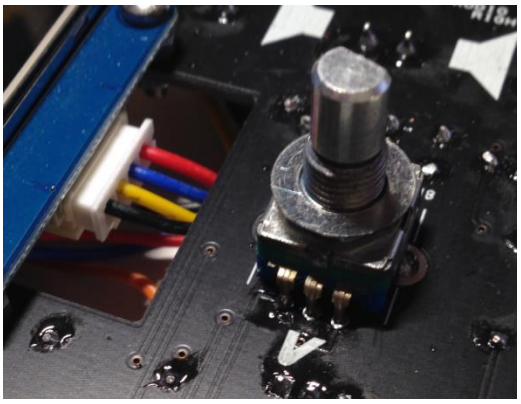


At the end pull off the SD card and restart the Mister-M

FRONT PANEL

Add the 4 springs

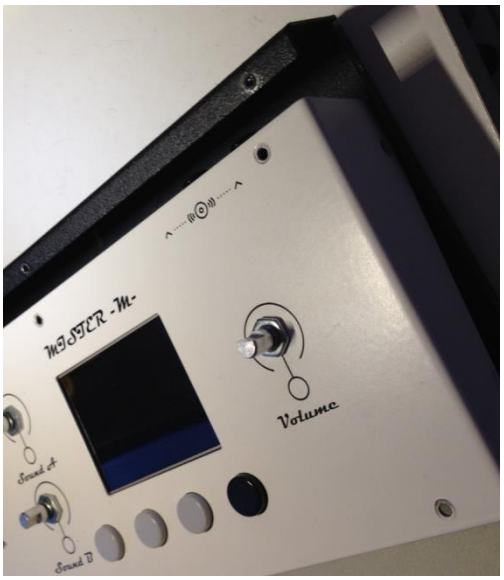




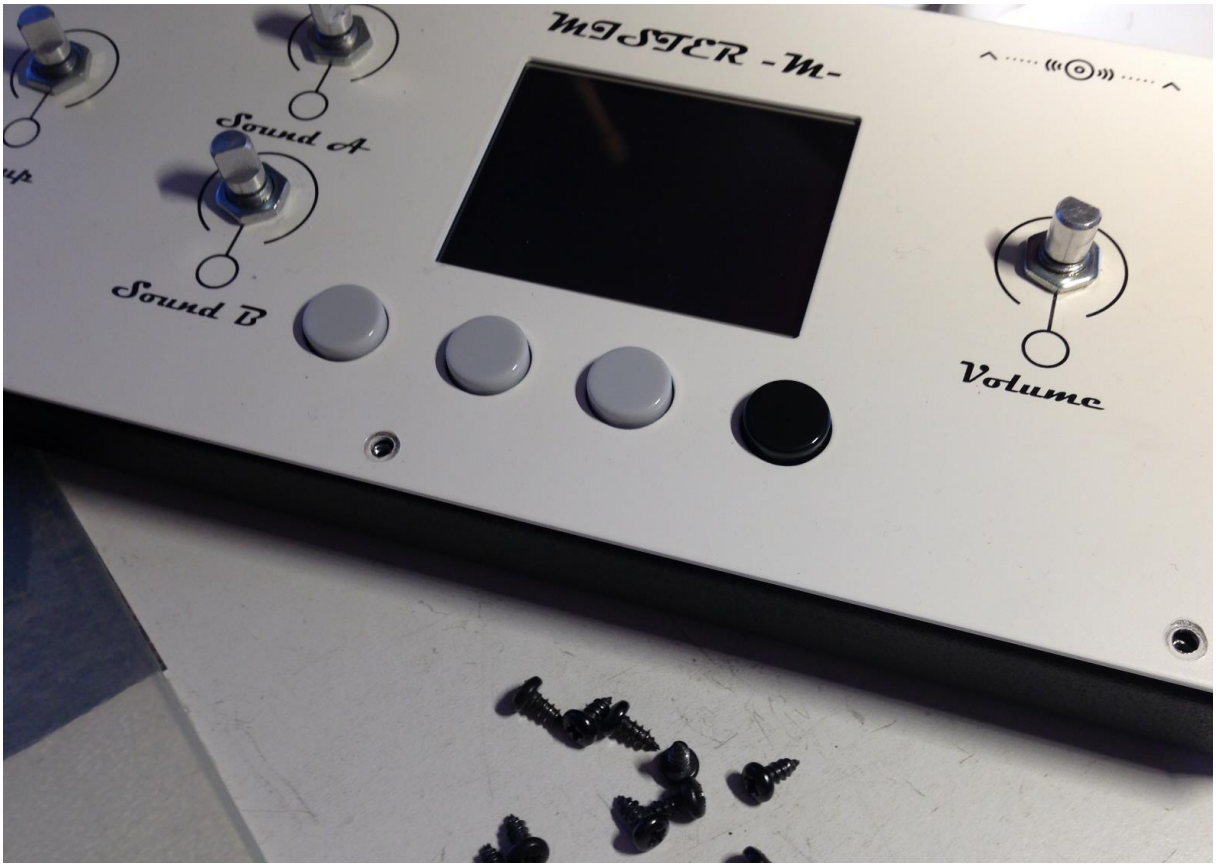
Insert the board on the front panel

4 Nuts M7

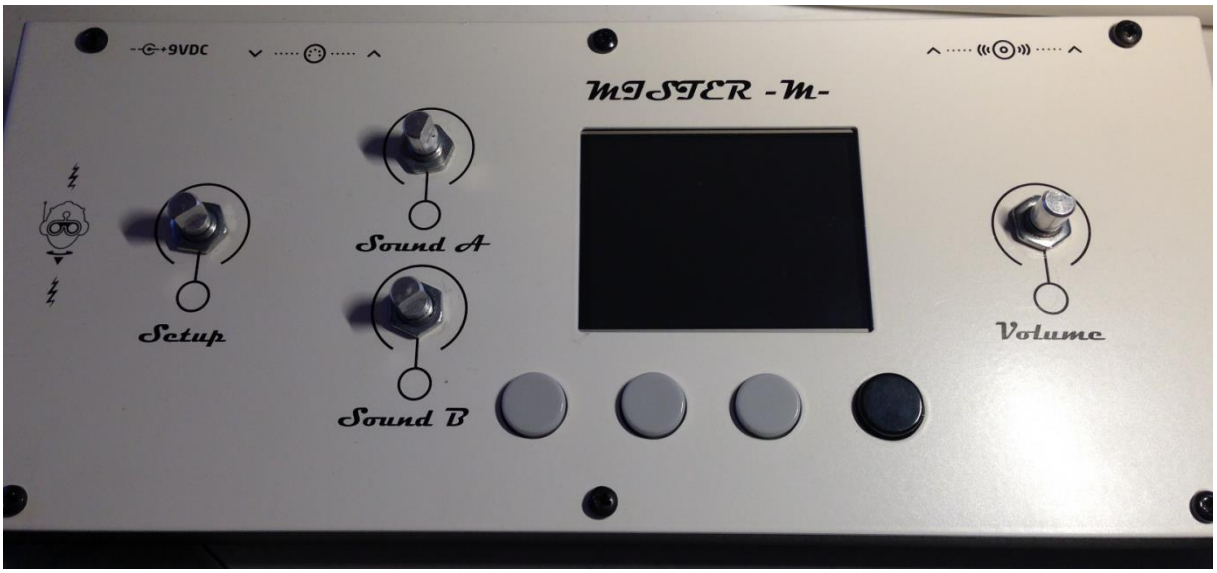
INSERT THE FRONT PANEL



SCREWS THE FRONT PANEL



8 screws on the front



2*2 screws on the sides

INSTALL THE KNOB

INIT THE EEPROM

At the startup push on the two Push button on the left and on the Right in the same time

THE ENCODERS

Turn the Encoders to the right (Clockwise)

Encoder Setup/SoundA/Sound/Volume

INIT THE SOUND AND SETUP

Press on the first push button to confirm the initialisation