

LALALAND



Introduction

CS Series Midi Kit:

Tools needed

Philips screwdriver
3.5mm drill for screws
(Optional 3mm tap drill)
15mm step drill

Content

- CS MIDI board
- 1x3 pin power cable (RED, BLUE, BLACK)
- 1x6 pin keyboard cable (MULTICOLORED)
- 1x7 pin keyboard cable (MULTICOLORED)
- 1x2 pin filter control cable (ORANGE, PURPLE)
- 1x2 pin envelope trigger cable (WHITE, BLACK)
- 2x prewired MIDI sockets plus 4x screws & 4x nuts
- 4x plastic standoffs
- 1x MIDI connector sticker (Used as drilling template)
- 1k resistor

The CS Filter Modulator

[Check out our plugin for the CS series - click here](#)



Installation

The CS Midi board is installed between the keyboard and the key assigner board and therefore requires only 3 cables to solder (Power). Removal of the key assigner is not required. *Although we suggest calibrating the synth before install, recalibration after install is not required.*

For filter, envelope you will need to solder the appropriate cables.

Midi connectors will require drilling using the drill template/sticker.

To open the CS15 synth remove the 4 screws, 2 on each side.

Make sure to disconnect synth from mains before proceeding with installation!



Follow the step by step instructions in the following pages to install your CS MIDI KIT.

MIDI connectors installation

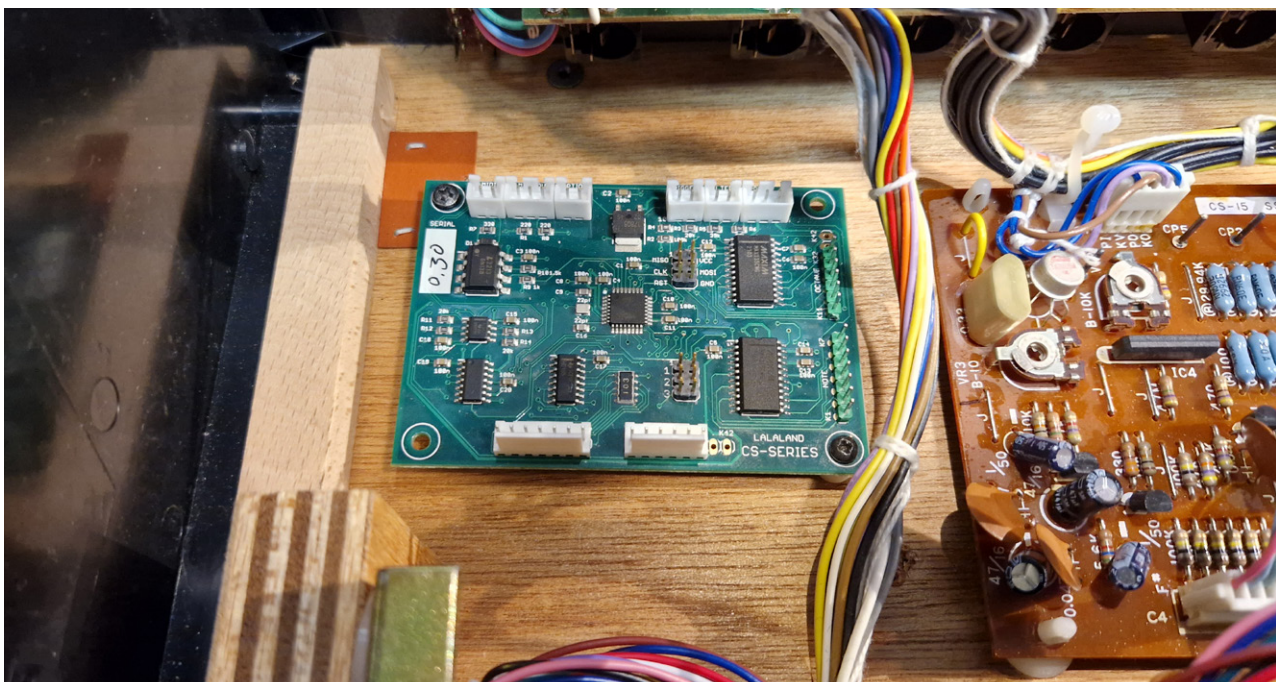
Start by drilling and mounting the midi connectors using the midi sticker as a template, place the sticker in the desired location and fasten at the top with tape and mark the center X's. Next lift up the sticker while the tape holds it in place and drill the holes for the midi connectors.

Place the midi connectors in the slots and mark where to drill for the screws., after drilling remove the backing from the sticker and fasten it in place. Cut out the holes in the sticker, an 8 cut "pizza" cut works great. Place midi connectors and fasten with screws. See images below. (Alternatively you can print out and use the MIDI template on the last page).

NOTE: MIDI In connector has two wires and MIDI Out has three.



Place the midi kit as shown in image below. Fasten the board using the plastic standoffs or drill a hole and mount using screws.



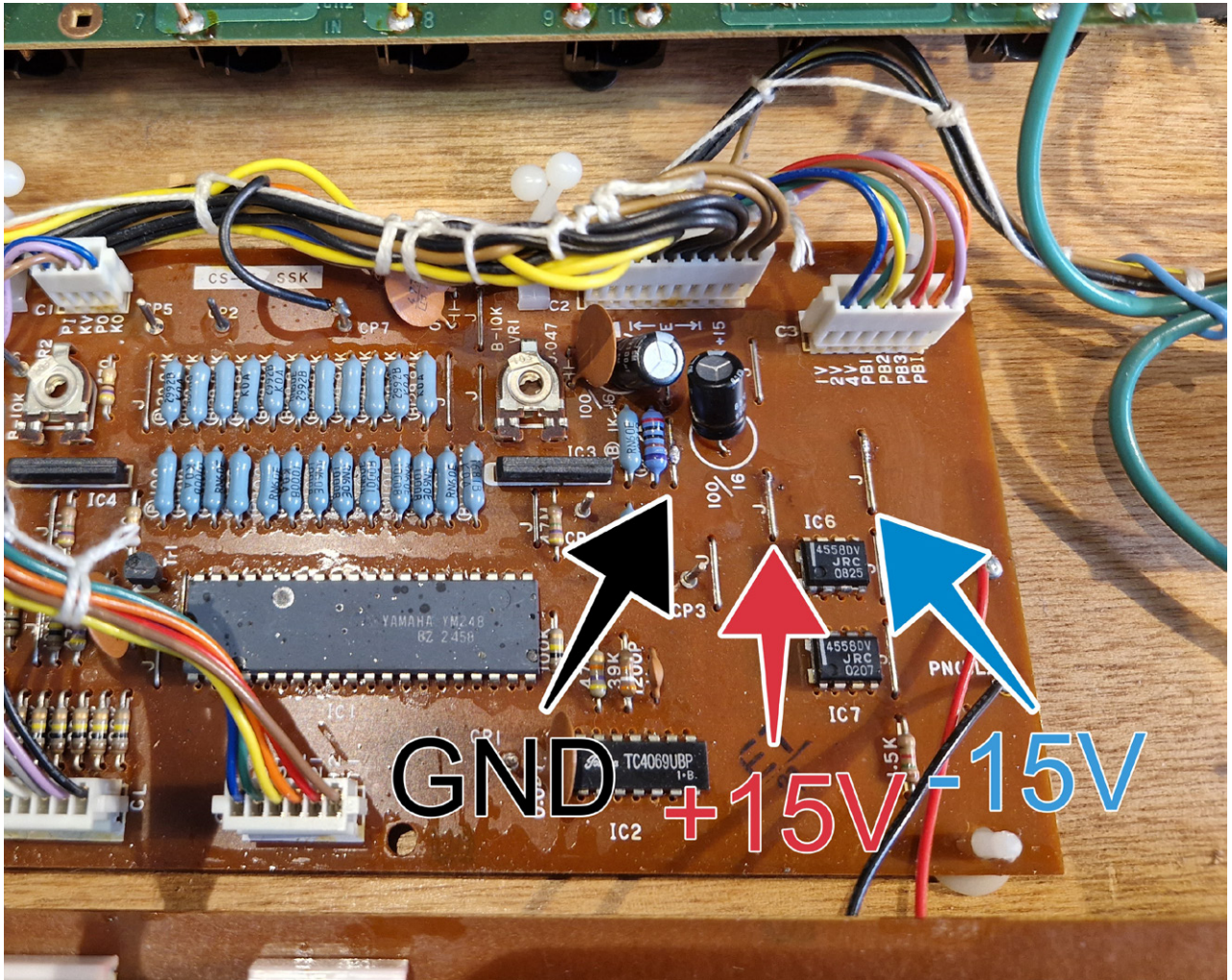
Solder the power cables

Locate the PSU board and identify the 3 points shown in image. Using the 3 Wire (Red, Blue, Black) power cable, connect each wire to the appropriate location.

NEG/BLUE is the -15V.

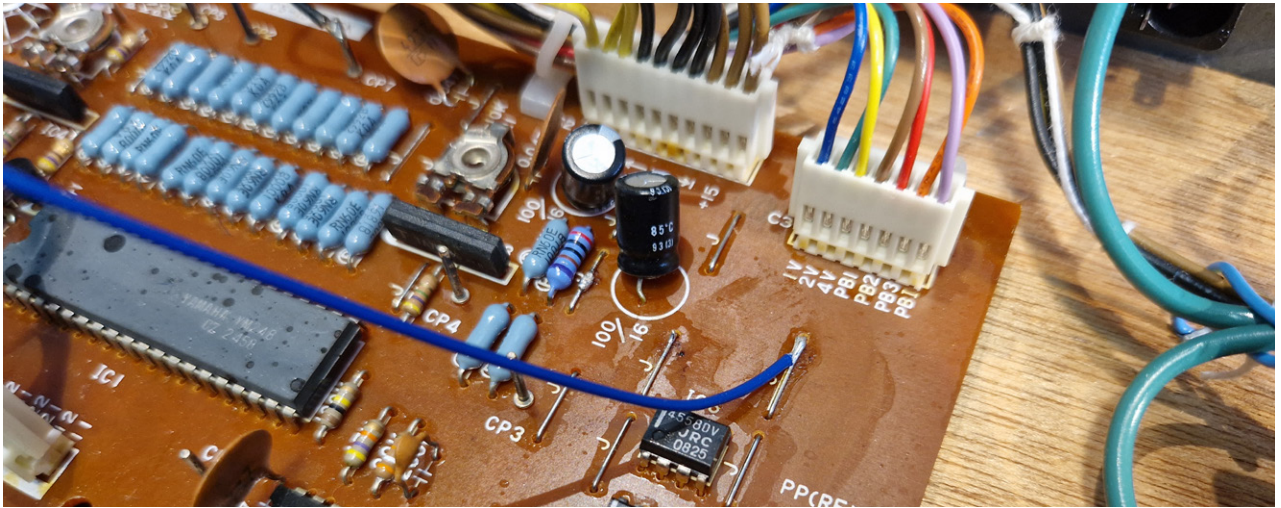
POS/RED is the +15V.

GND/BLACK is the ground cable.

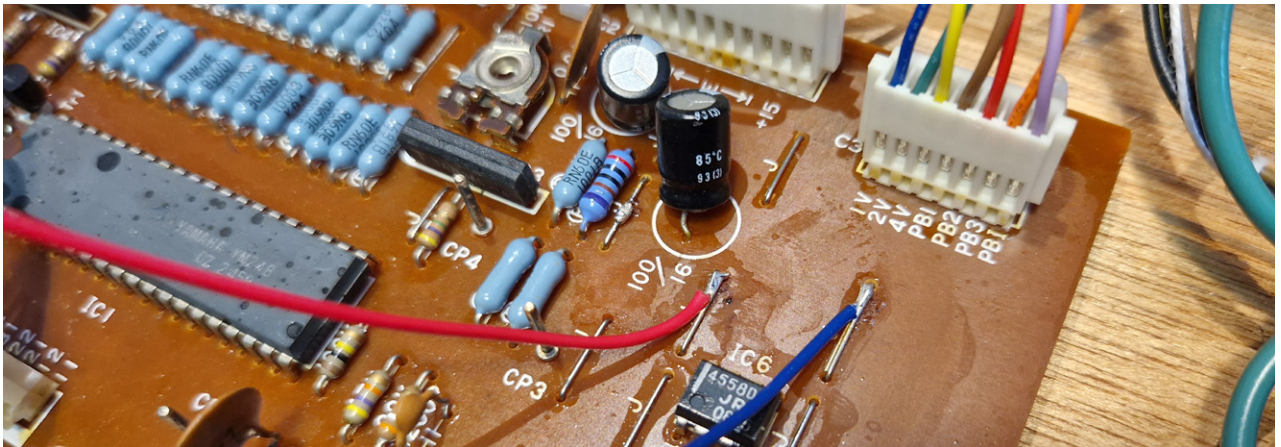


Solder the power cables

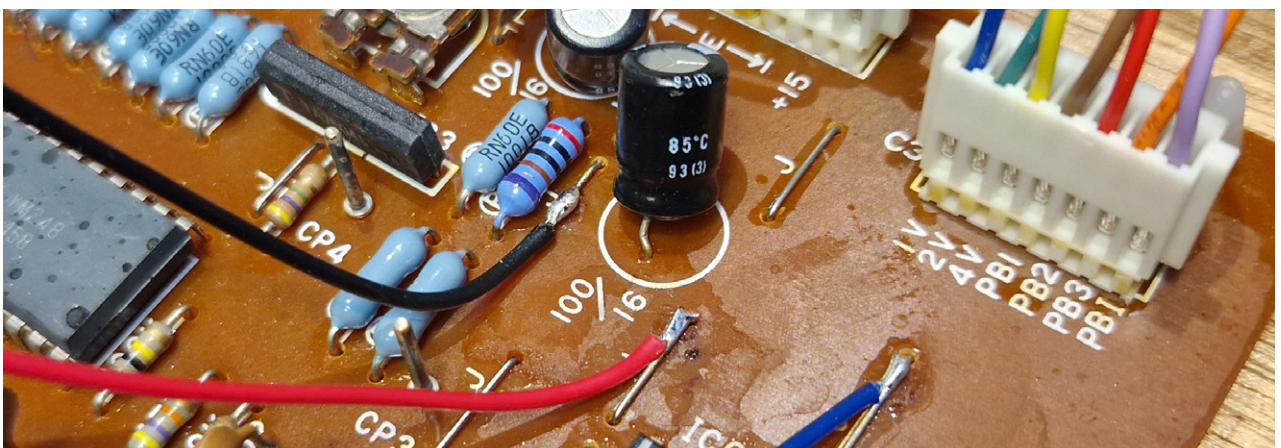
Locate the solder point as shown in image.
Solder the **blue wire** to this point.



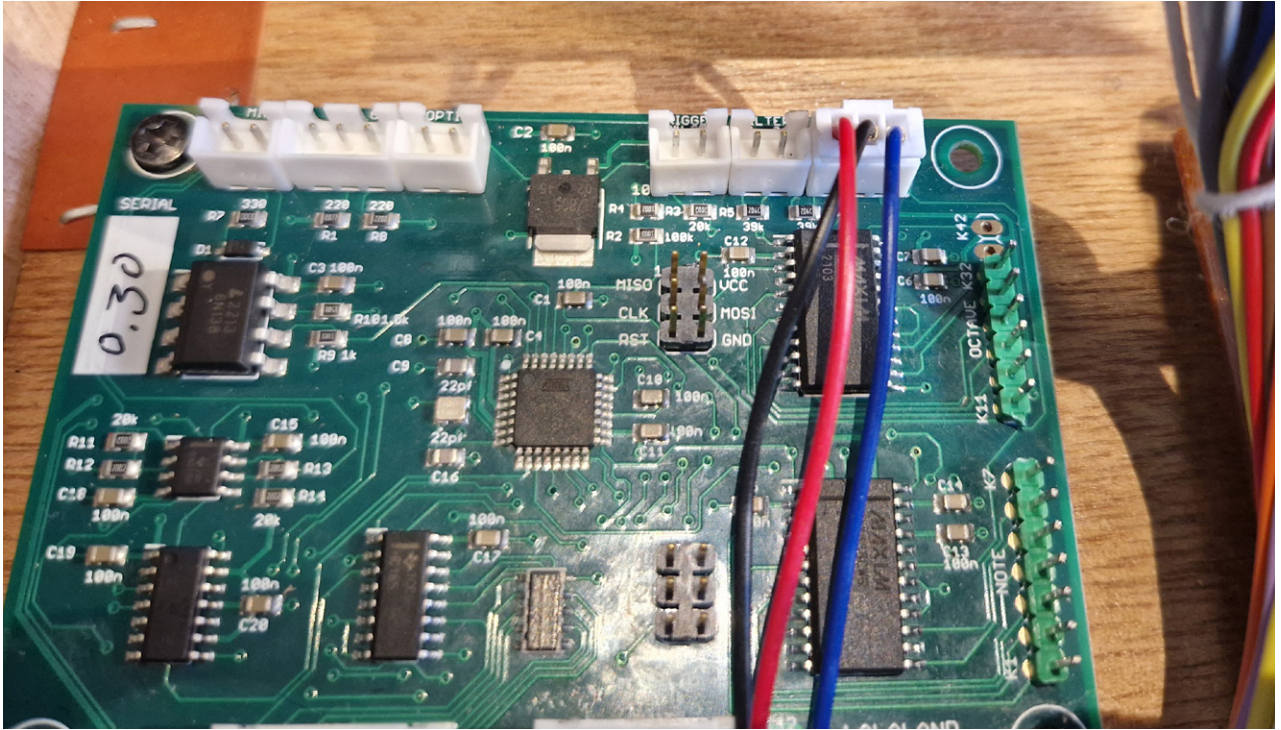
Locate the solder point shown in image.
Solder the **red wire** to this point.



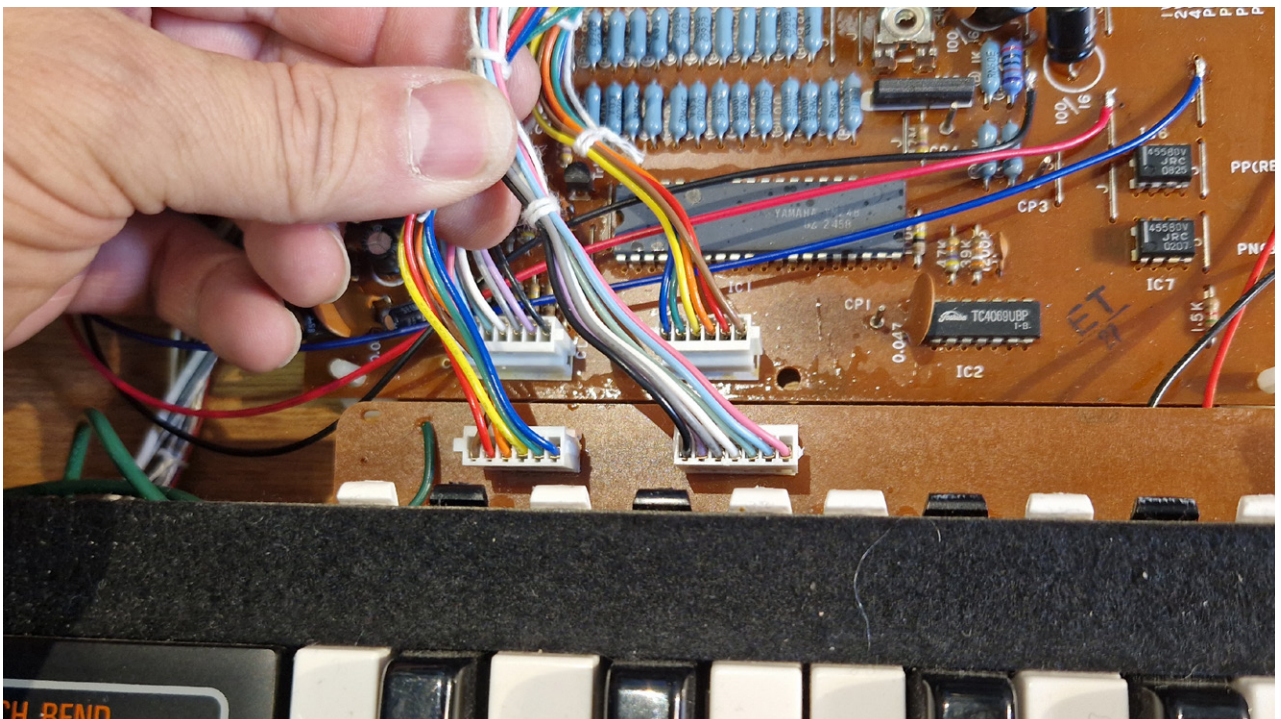
Locate the solder point shown in image.
Solder the **black wire** to this point.



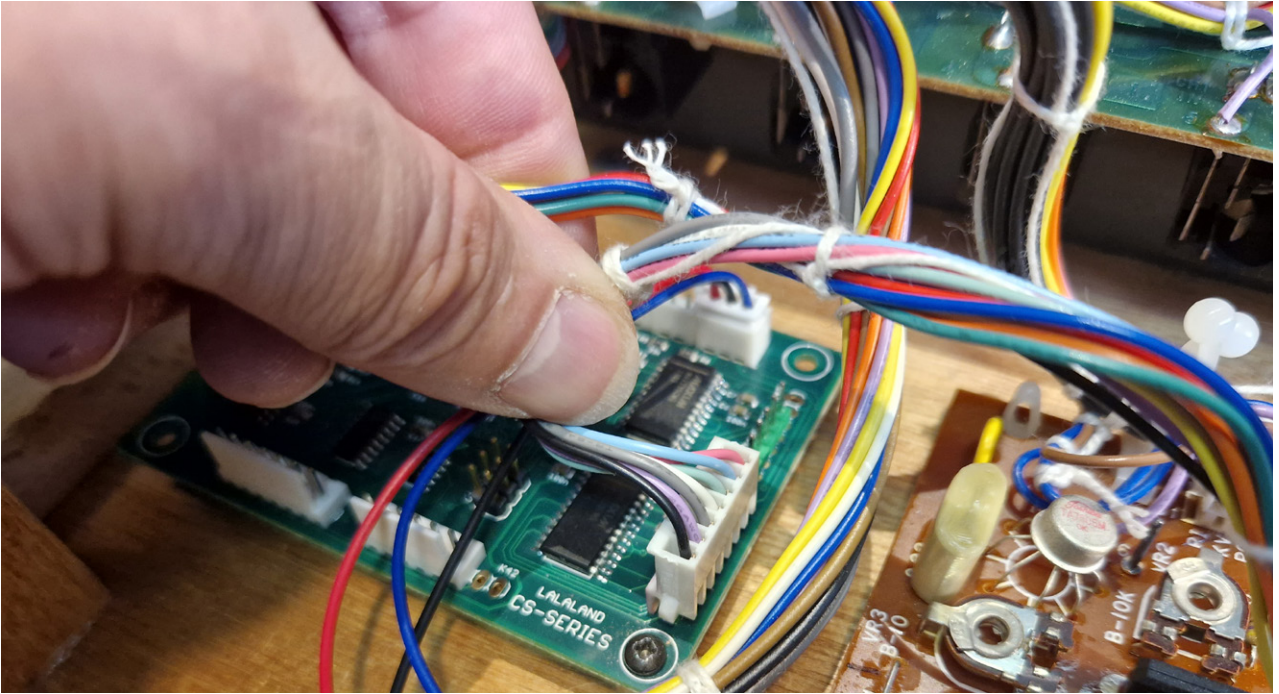
Now plug in the Power cable into Power on the MIDI Board as shown in image.



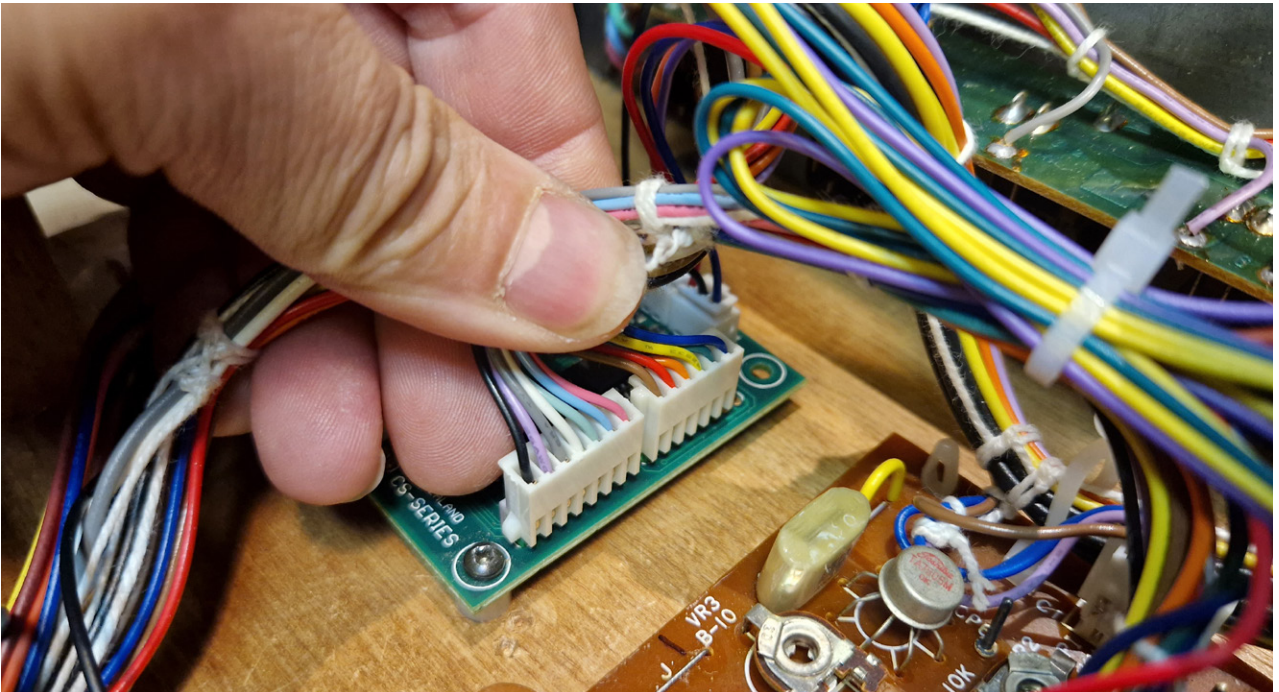
Locate and disconnect the 6 and 7 pin cables on the keyboard PCB as shown in image.



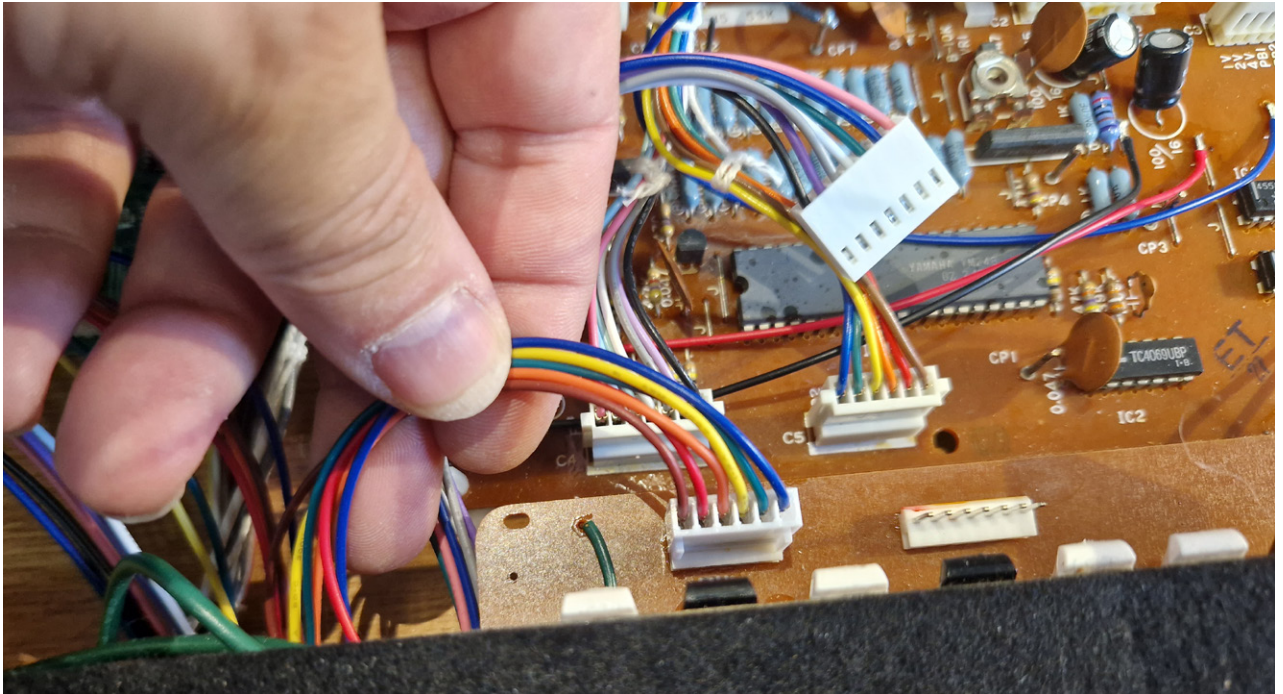
Connect the 7 pin cable to the midi board as shown in image.



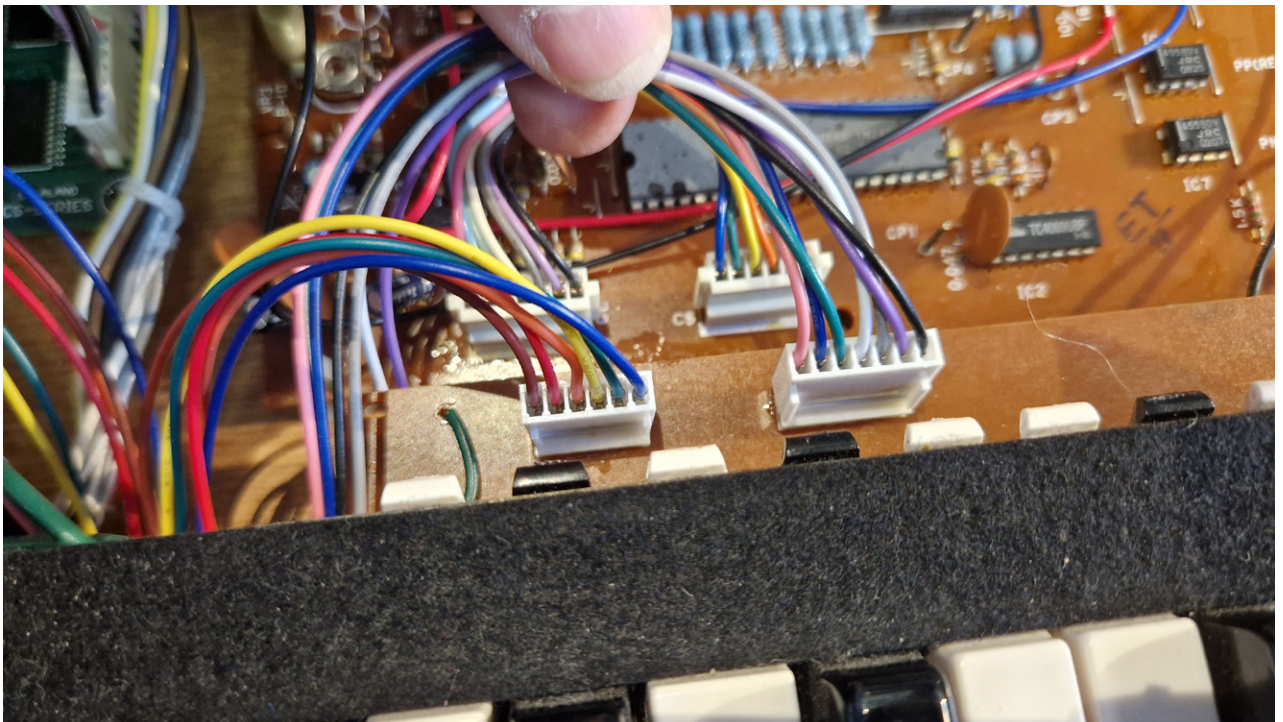
Connect the 6 pin cable to the midi board as shown in image.



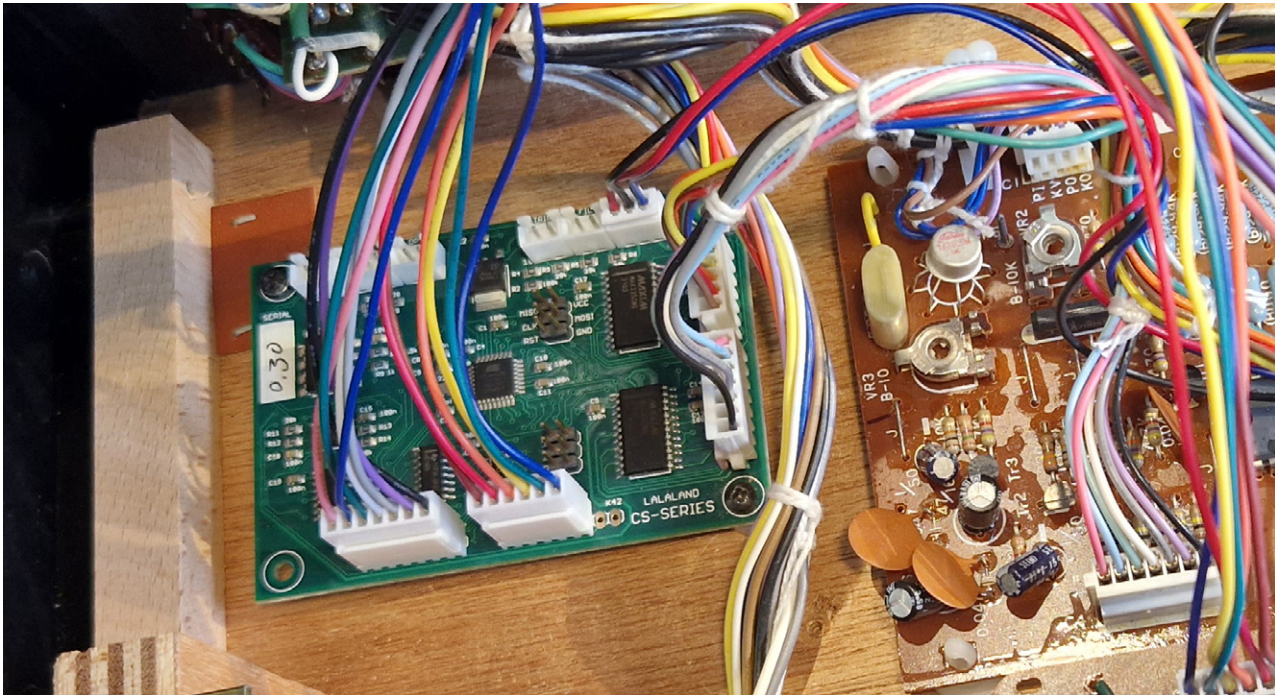
Now connect the provided 6 Pin cable to the Keyboard PCB as shown in image.



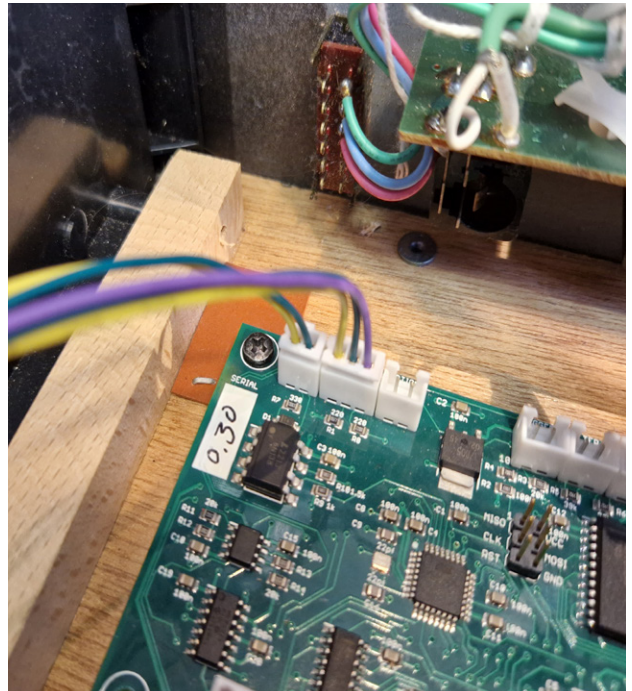
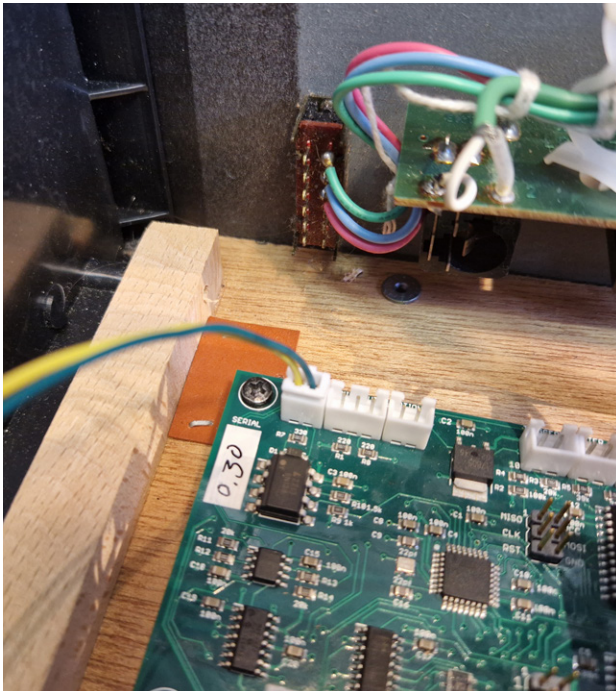
Connect the provided 7 pin cable to the Keyboard PCB as shown in image.



Connect the 6 and 7 pin cables to the MIDI board as shown in image.



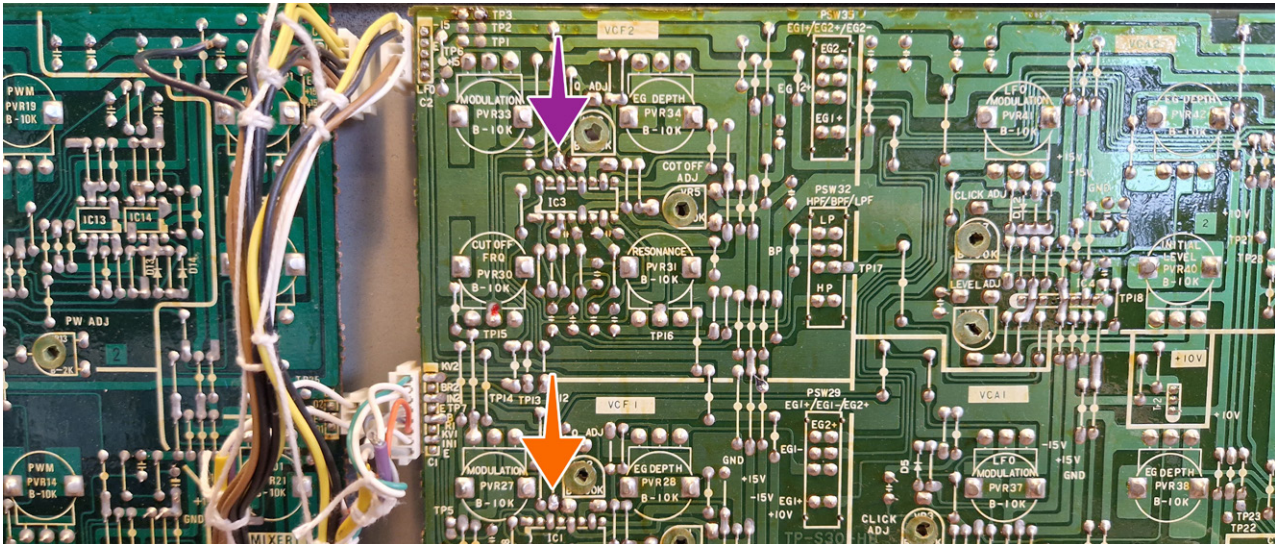
Connect the MIDI in and out cables as shown in image.



NOTE: At this point the board, MIDI in/out is operational. Filter, envelope and SEQ are optional.

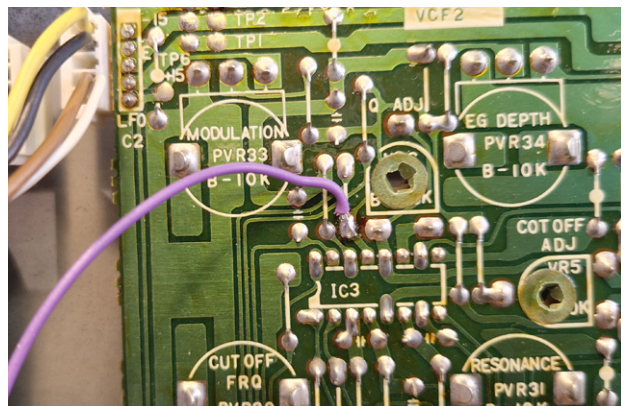
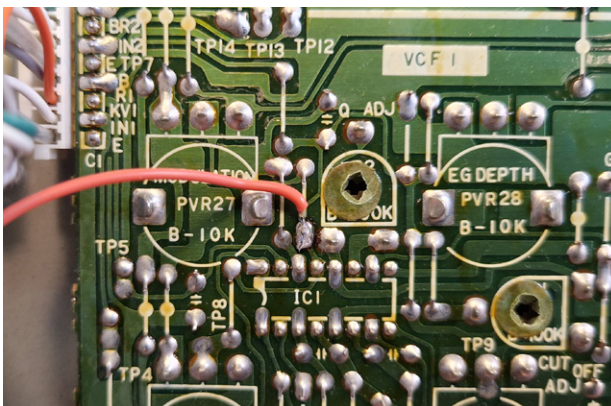
Solder the filter cable(s)

Locate the solder points shown in these images.(The right front panel board)

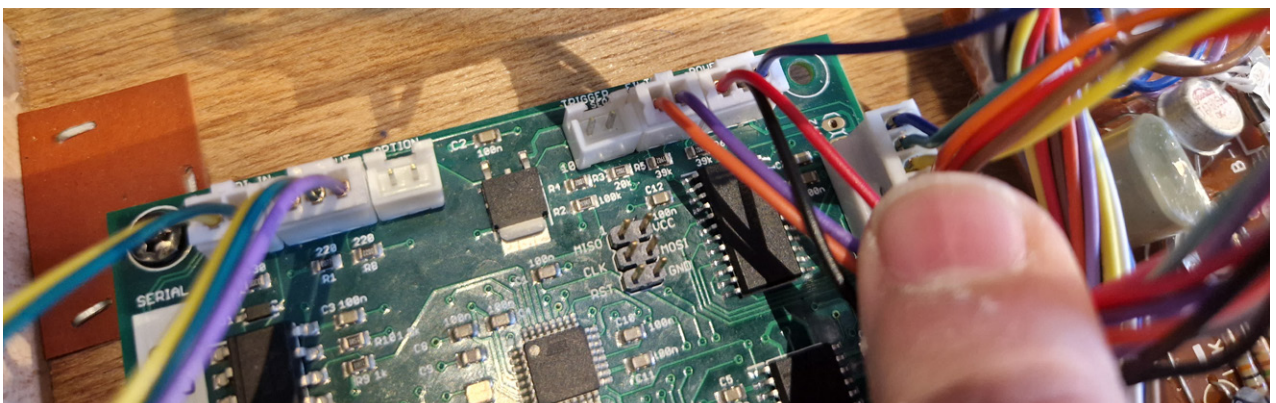


Use the provided orange and Purple cable. Solder the **orange wire** to this point

Use the provided orange and Purple cable. Solder the **purple wire** to this point

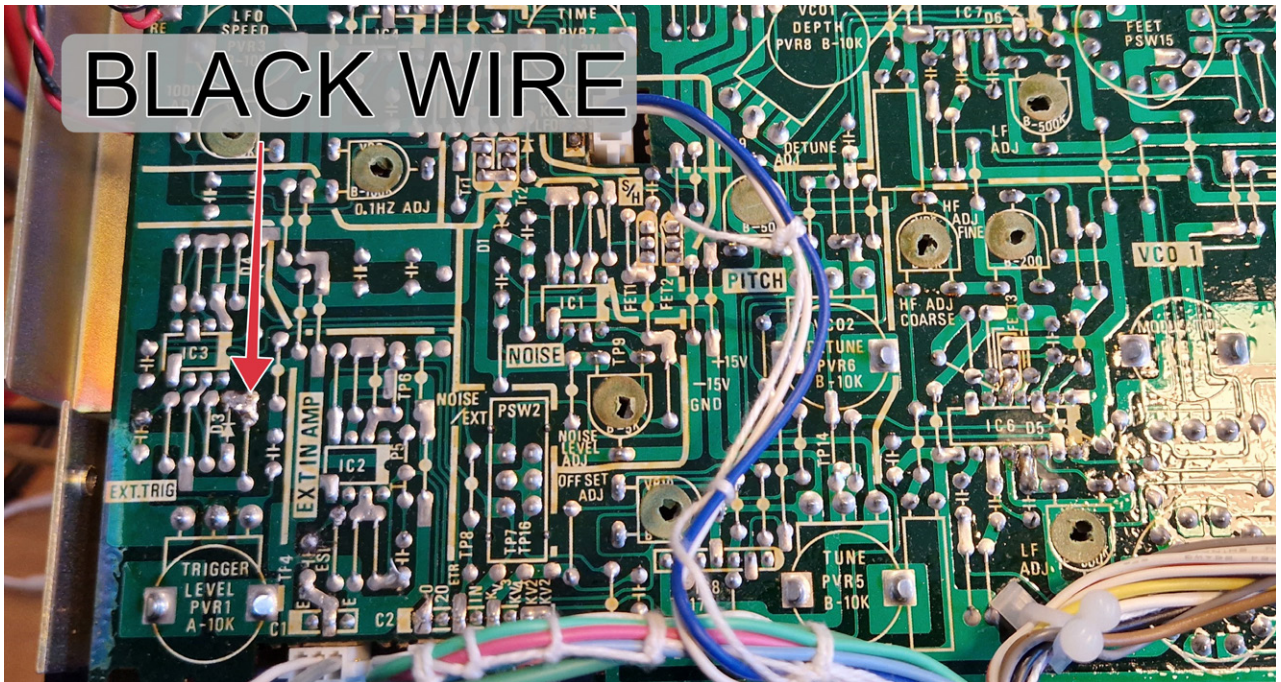


Now connect the 2 pin connector to the FILTER connector on the midi board as shown in image.

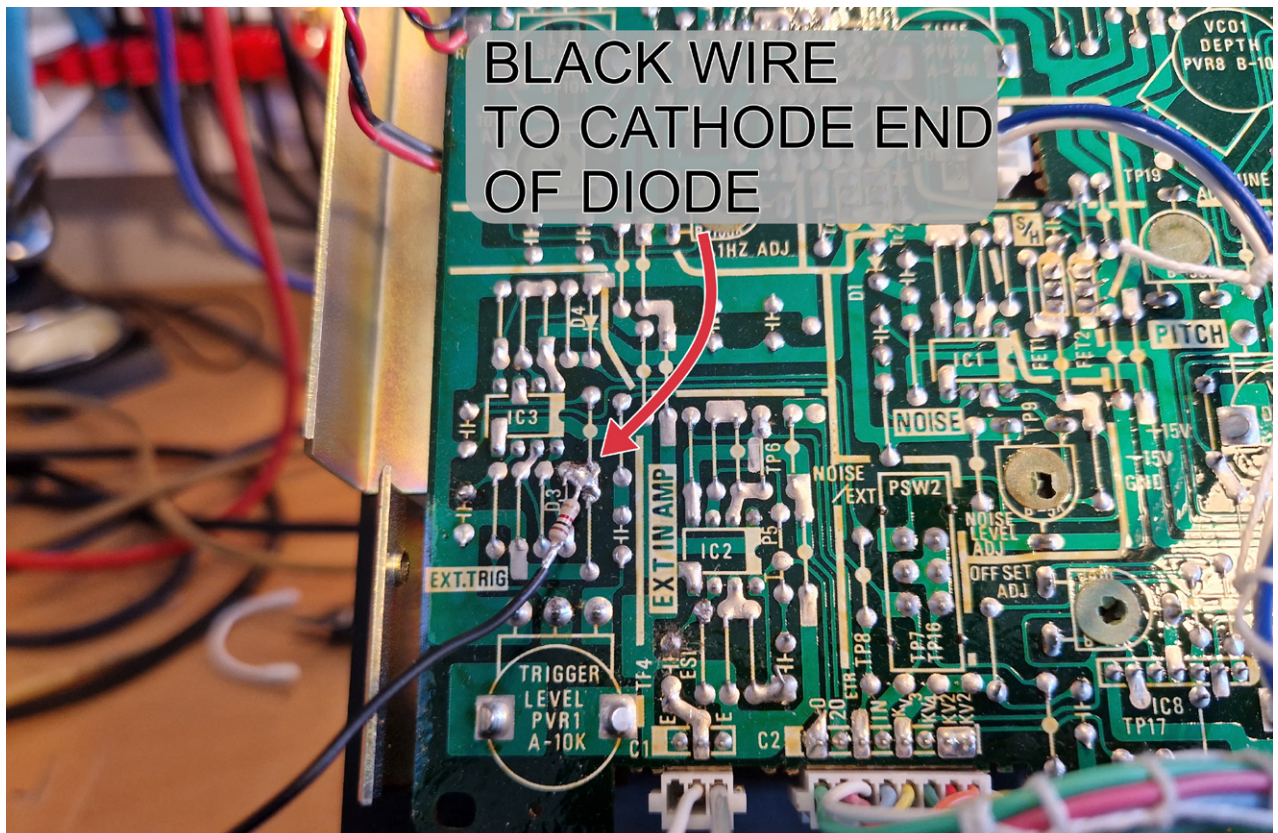


Solder the envelope trigger cable

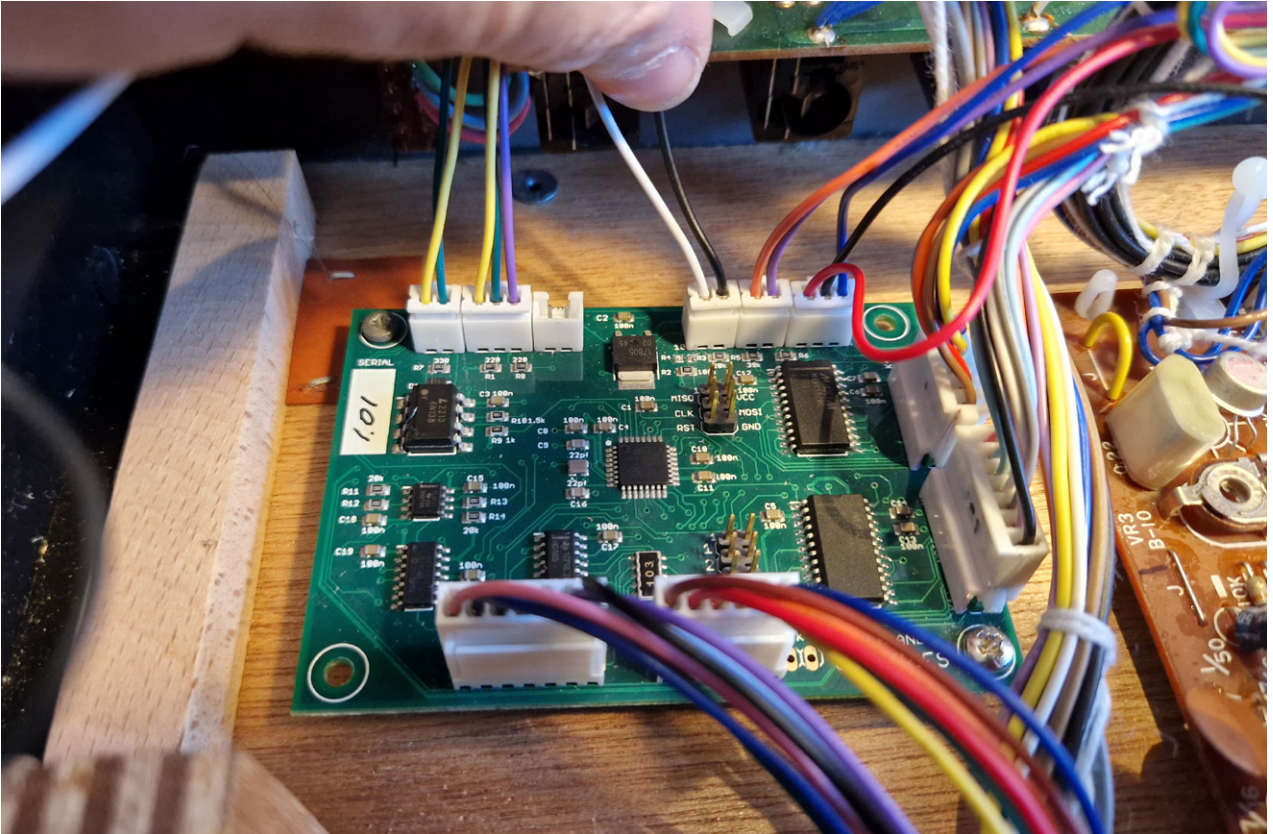
Locate the solder points shown in image (The left front panel board)



Use the provided white and black cable (white is not used in the CS15).
Solder the black wire to this point



Connect the Black and White connector to the MIDI board.



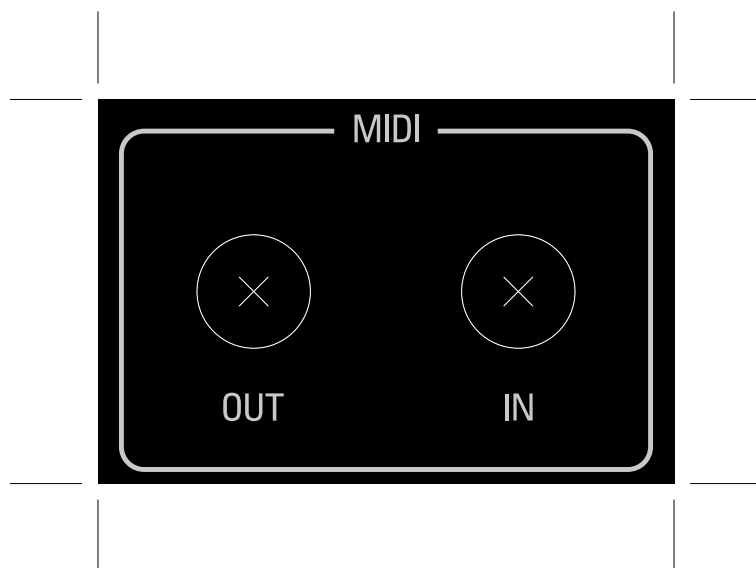
*You have completed the full installation.
MIDI in/out, filter, envelope and all features are now operational.*

*Secure all wiring with the included zip ties.
Close the synth and connect to mains.*

Disclaimer: Lalalandsynth is not responsible for any damage caused by improper installation.

MIDI drill template

Print out and use as drill template.



Congratulations on your CS15 MIDI Kit
May the force of creation be with you!

Join our early bird club at
lalandsynth.com
for news about new products