HOW TO CONNECT KI7_MIDI_USB Boards

Outputs to optosisolator board CIPAR with DB25 connector

Pins 5-4 MIDI IN

Micro-USB connector

Swell shoe

Pedal

Drawknobs

MIDI OUTPUT
Pins 5 4 2

Keyboard 1

Keybpard 2

Keyboard 3

Keyboard 4

+5V

0V

NOTA : The board is directly supplied by the 5V USB supply. No need for an extra supply. Only necessary for HALL effect boards KIH32.
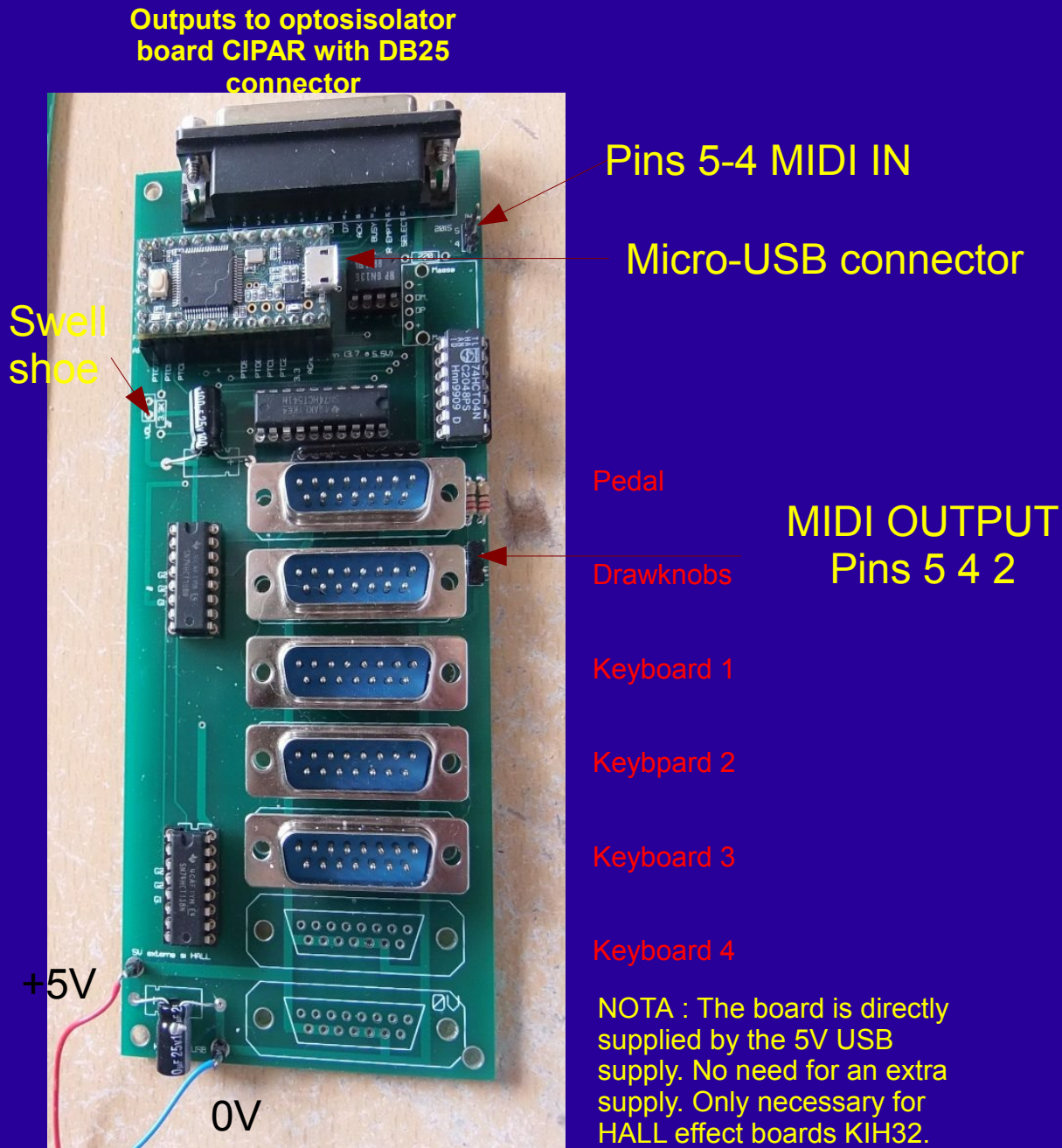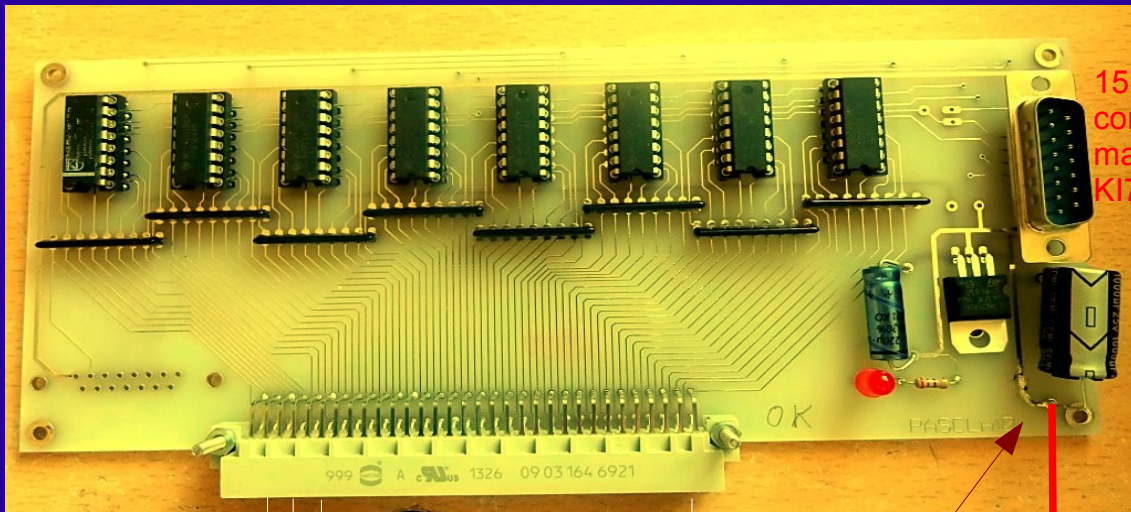
HOW TO CONNECT THE BOARD :
- Connect a micro-USB to your computer
- Connect a KI64 board to the KI7_MIDI_USB board
- Launch MIDIOx or my test software on your PC
- By connecting a simple wire between 0V of the KI64 and a pin from the 64 pin connector, you must receive MIDI orders on any computer. So you can drive any VPO software as HauptWerk or GO or Jorgan

KI64 CARDS : 64 Inputs from keyboards

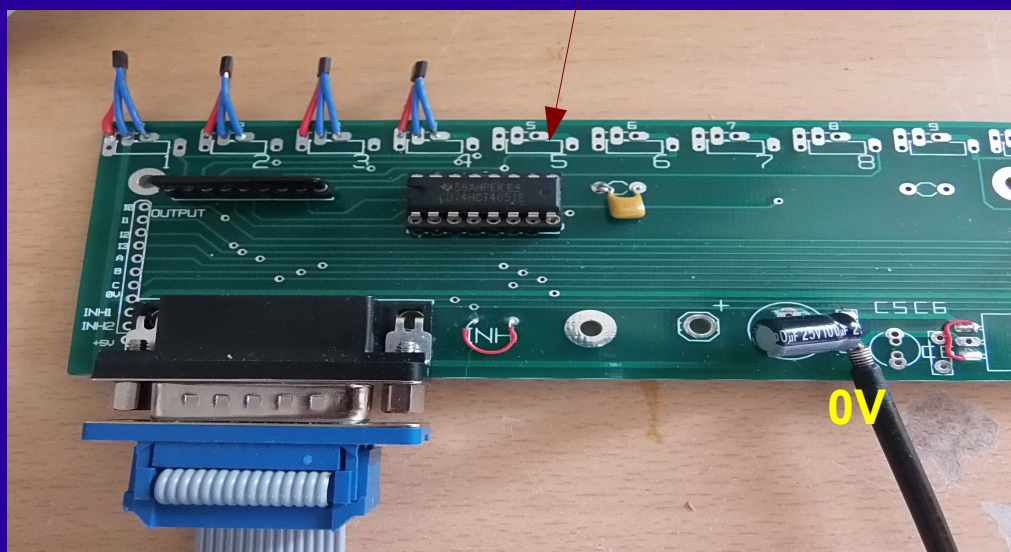

15 Pins connector to the main board KI7_MIDI_USB

MASS 0V

KIH32 CARDS for HALL EFFECT SENSORS

KEYBOAD INPUTS : One can test the card before sensor soldering : Just use a strap between the 0V and the 64 pins connector.
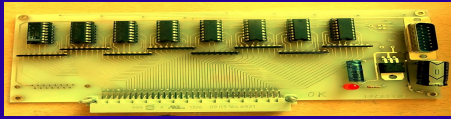**Then solder the sensors : You can use the ALLEGRO A1101EUA**

•**Connect the KI7_MIDI_USB to a PC with MIDIOx or GO2 for example**
•**Connect the DB15 cable to the KI7_MIDI_USB**
•**Test each key with a 20x5x2mm magnet. (for example). Many other dimesnsions are also possible.**
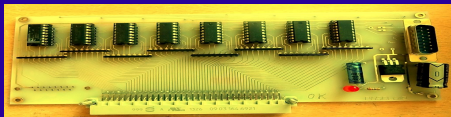
TEST POINTS to connect
To the 0V

GENERAL SCHEME for HALL SENSOR INTERFACE
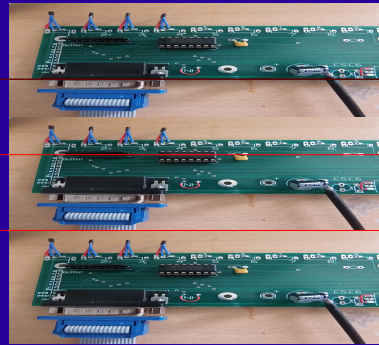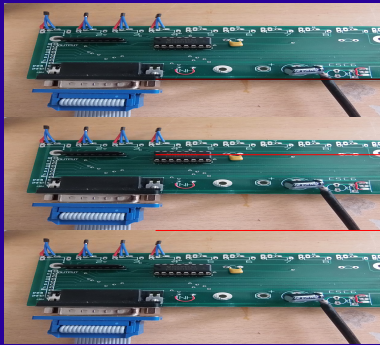
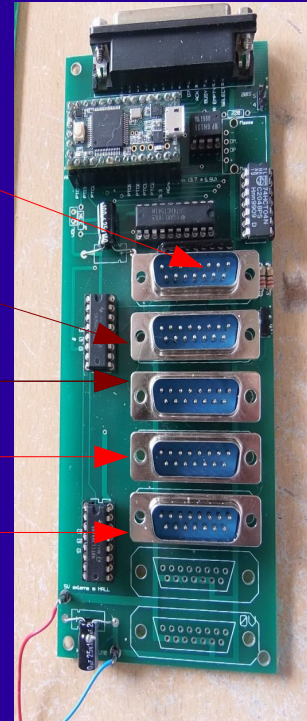**DB25 Output to Power Cards for REAL PIPE ORGANS (optionnal)**

64 inputs Pedal, buttons

DB15 CABLES

Buttons

HALL KEYBOARD interfaces

MIDI CLASSIC Output