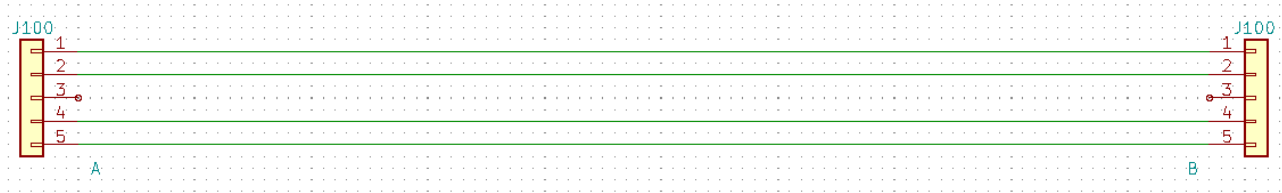


### ◆ Cable J100

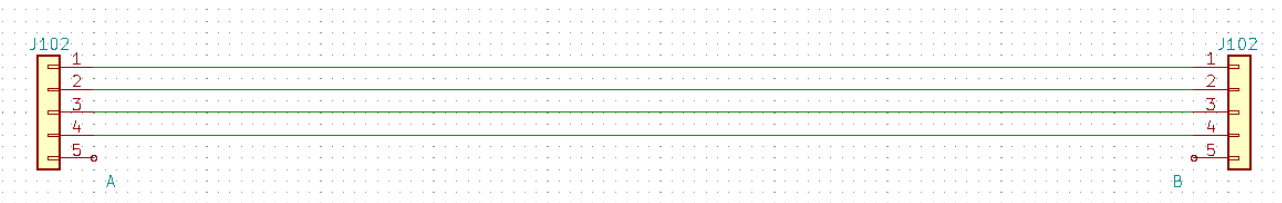
This cable connects the motherboard to lcdboard.



- 1 – 5V red cable.
- 2 – TX RS232 orange cable
- 3 –
- 4 – RX RS232 – yellow cable
- 5 – GND black cable

### ◆ Cable J102

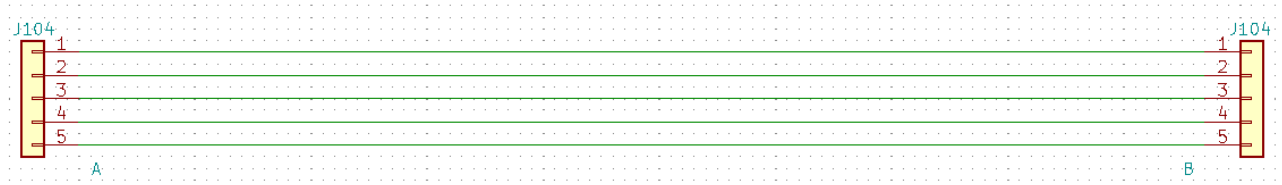
This cable connects the motherboard to the X sensor.



- 1 – 5V red cable.
- 2 – GND black cable.
- 3 – Signal One green cable.
- 4 – Signal Two white cable.

### ◆ Cable J104

This cable connects the motherboard to the Y sensor.



- 1 – CLK – yellow cable
- 2 – Data – White cable
- 3 – GND – black cable
- 4 – GND – black cable
- 5 – 3,3V – gray cable

### ◆ Cable J105

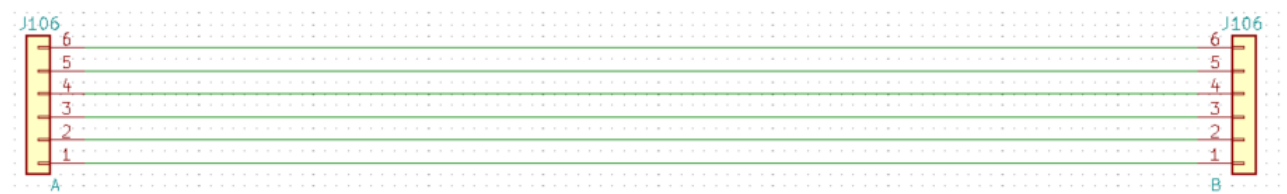
This cable contains the motor commands for frequency inverter



- 1 – Cpu RPM sensor purple cable
- 2 – Run forward gray cable
- 3 – GND black cable
- 4 – Relays ON white cable
- 5 – Run backward yellow cable

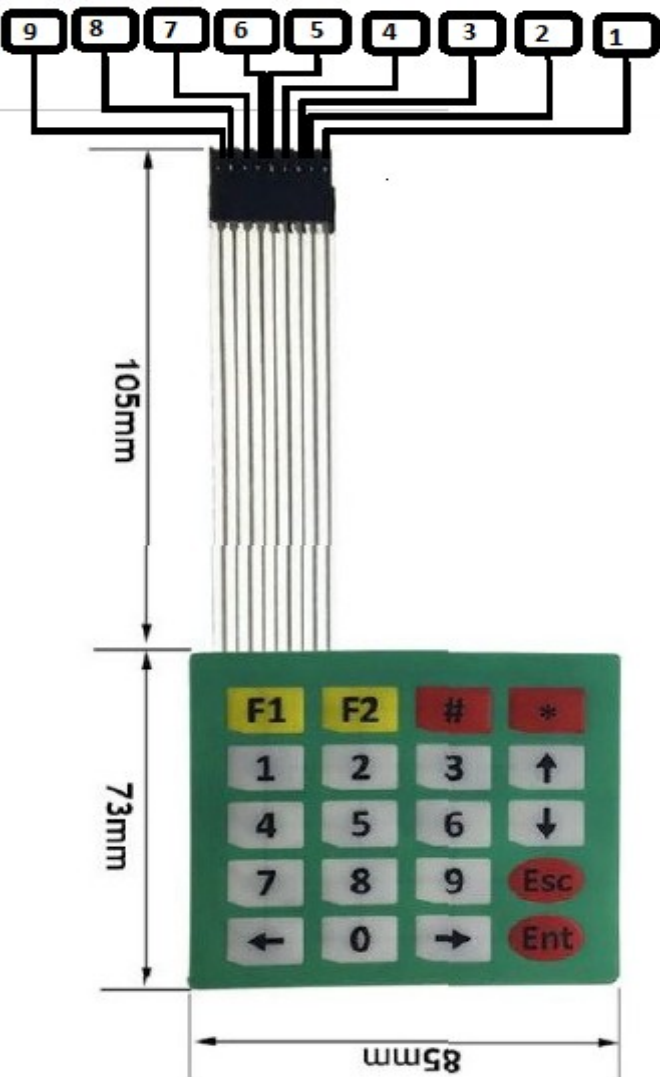
### ◆ Cable J106

This cable contains the button and led signals



- 1 – Led reverse button ON, brown
- 2 – Led stop button ON blue
- 3 – Led start button ON green
- 4 – Reverse button brown
- 5 – Stop button blue
- 6 – Start button green.

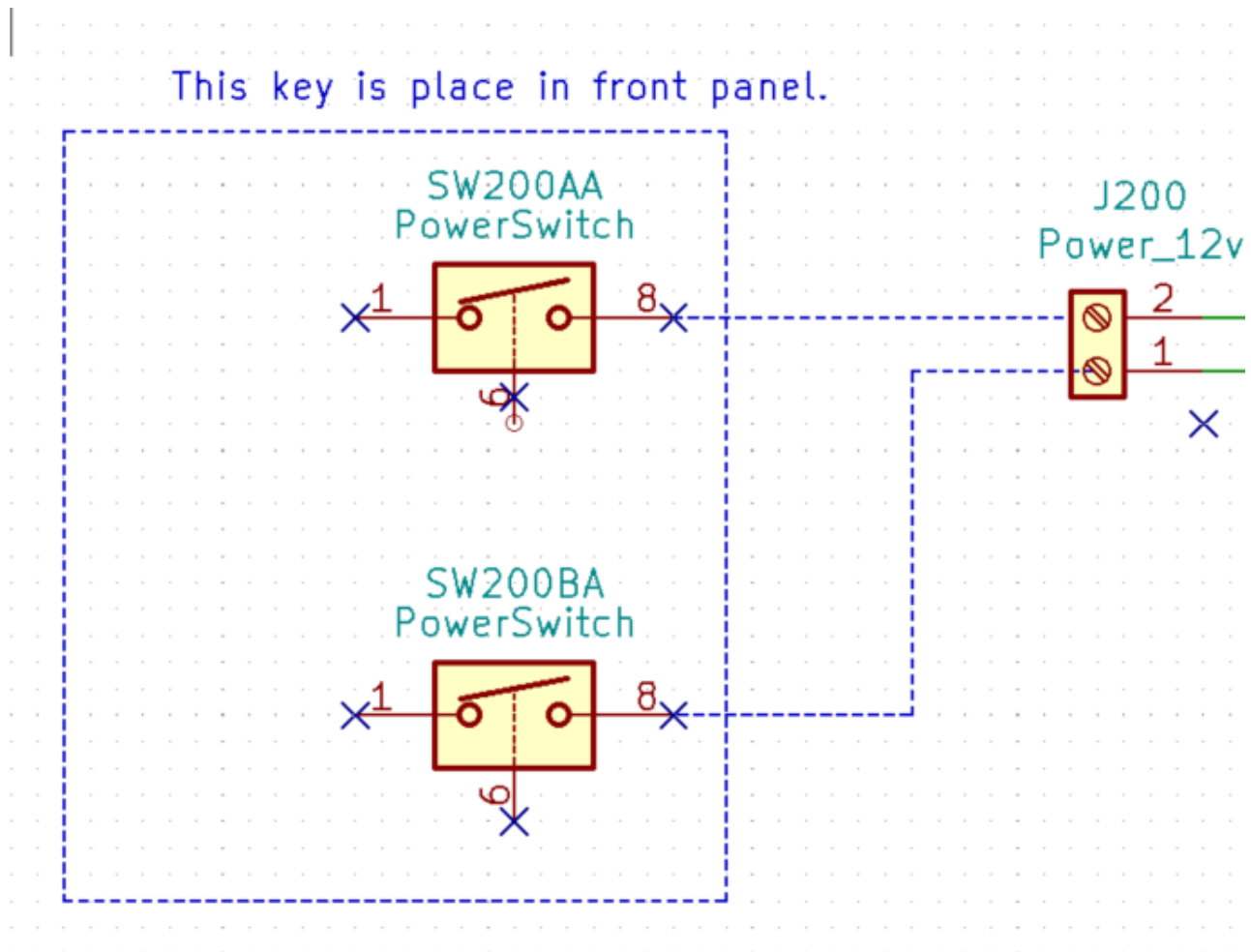
◆ J108 Keyboard



Pin keyboard	Pin CPU
1	24
2	25
3	26
4	27
5	28
6	29
7	30
8	31
9	32

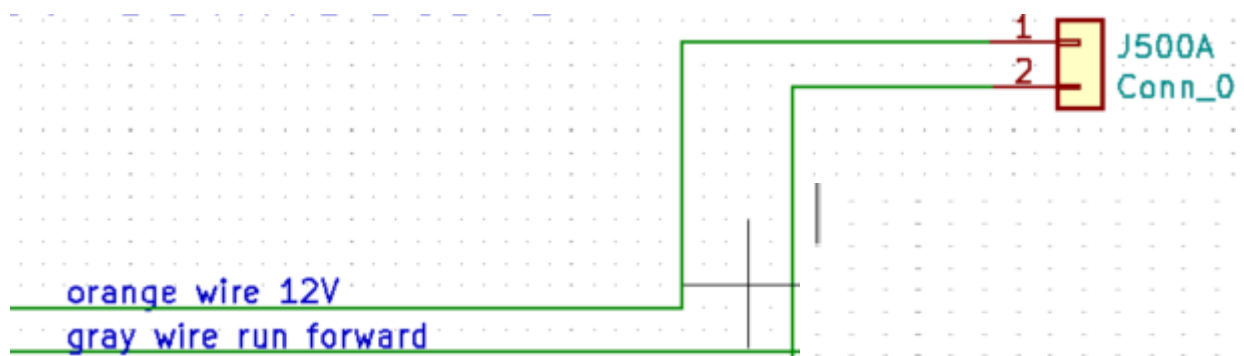
## J200 Cable

This is the power 12V on power board, this voltage comes from on/off key e SW200.



## ◆ J500A Cable

This cable connects 12V from outputboard power on key onf/off



◆ J500C Cable in outputboard

This connector connects to potentiometer to control motor speeds.

