

Connectors

J1
Conn_01x12_Male

- 1 AudioA4_In
- 2 AudioA3_In
- 3 AudioA2_In
- 4 AudioA1_In
- 5 Env1_Attack
- 6 Env1_Decay
- 7 Env1_Sustain
- 8 Env1_Release
- 9 Env2_Attack
- 10 Env2_Decay
- 11 Env2_Sustain
- 12 Env2_Release

J2
Conn_01x16_Male

- 1 Audio2_Out
- 2 Audio3_Out
- 3 Audio4_Out
- 4 Audio1_Out
- 5 AudioB4_In
- 6 AudioB3_In
- 7 AudioB2_In
- 8 AudioB1_In
- 9 Calib_Btn1
- 10 Calib_Btn2
- 11 +3.3VA
- 12 GND
- 13 Gate4_Out
- 14 Gate3_Out
- 15 Gate2_Out
- 16 Gate1_Out

J3
Conn_01x14_Male

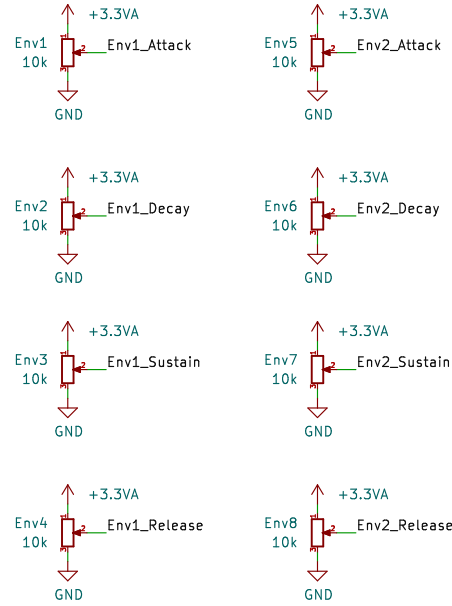
- 1 MIDI_IN
- 2 EnvA4_LED_Out
- 3 EnvA3_LED_Out
- 4 EnvA2_LED_Out
- 5 EnvA1_LED_Out
- 6 EnvB4_LED_Out
- 7 EnvB2_LED_Out
- 8 EnvB1_LED_Out
- 9 EnvB3_LED_Out
- 10 GND
- 11 ChannelA_Level
- 12 ChannelB_Level
- 13 Octave_Up
- 14 Octave_Down

J4
Conn_01x12_Male

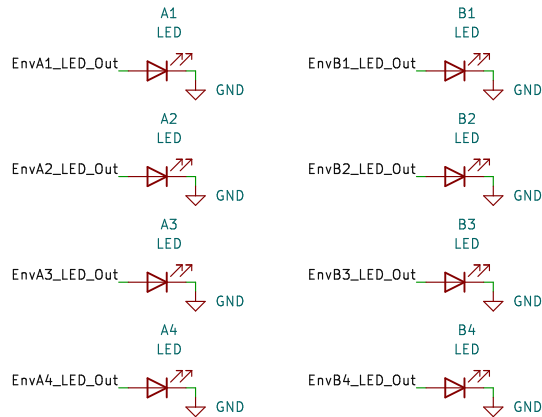
- 1 USB_DM
- 2 USB_DP
- 3 GND
- 4 +3.3VA
- 5 CV_OUT_A2
- 6 CV_OUT_A1
- 7 CV_OUT_A4
- 8 CV_OUT_A3
- 9 CV_OUT_B2
- 10 CV_OUT_B1
- 11 CV_OUT_B4
- 12 CV_OUT_B3

PWR_FLAG GND
PWR_FLAG +3.3VA

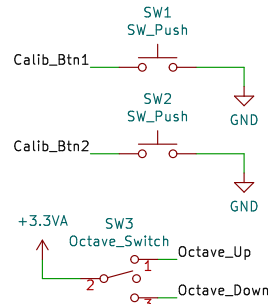
Envelope Potentiometers



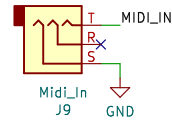
LEDs



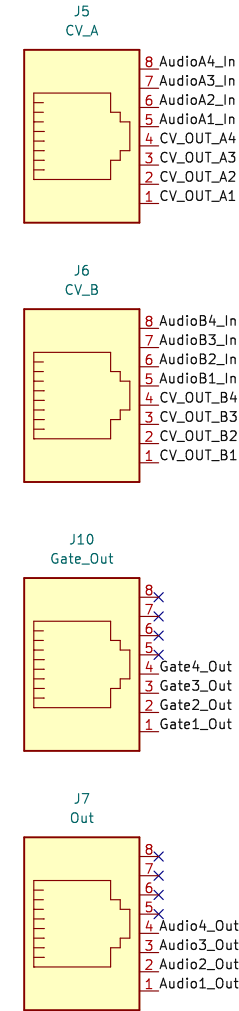
Buttons



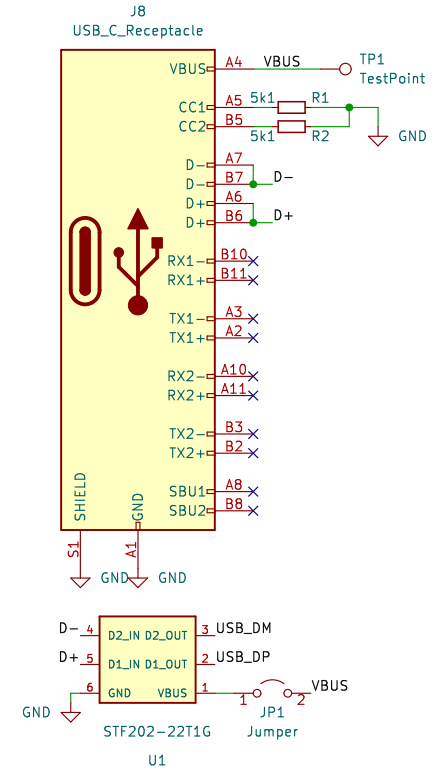
MIDI



RJ45



USB



Level Potentiometers



Mountjoy Modular

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File: Quango_Controls.kicad_sch

Title: Quango Controls

Size: A4 Date: 2023-06-29

KiCad E.D.A. kicad (6.0.11)

Rev: 2.0

Id: 1/1