



J20
Conn_01x09_Female

1 CV1_OUT

2 CV2_OUT

3 GND

4 CV3_OUT

5 CV4_OUT

6 CV1_LED_OUT

7 CV2_LED_OUT

8 CV3_LED_OUT

9 CV4_LED_OUT

J21
Conn_01x08_Female

1 GATE1_LED_OUT

2 GATE1_OUT

3 GATE2_LED_OUT

4 GATE2_OUT

5 GATE3_OUT

6 GATE3_LED_OUT

7 GATE4_OUT

8 GATE4_LED_OUT

J22
Conn_01x08_Female

1 RESET_SWITCH

2 GATE5_LED_OUT

3 GND

4 GATE5_OUT

5 GATE7_OUT

6 USB_DP

7 USB_DM

8 USB_VBUS

J23
Conn_01x03_Female

1 GND

2 MIDI_DATA

3 MIDI_VREF

J9
Conn_02x04_Odd_Even

GATE1_OUT 1

GATE2_OUT 3

GATE3_OUT 5

GATE4_OUT 7

2 AUDIO_IN1

4 AUDIO_IN2

6 AUDIO_IN3

8 AUDIO_IN4

J8
USB_B_Micro

USB_DP 3

USB_DM 2

VCC

GND

1 USB_VBUS

4 GND

J7
Midi_In

T MIDI_DATA

R MIDI_VREF

S GND

D1
GATE1

GATE1_LED_OUT

D2
GATE2

GATE2_LED_OUT

D3
GATE3

GATE3_LED_OUT

D4
GATE4

GATE4_LED_OUT

D5
CV1

CV1_LED_OUT

D6
CV2

CV2_LED_OUT

D7
CV3

CV3_LED_OUT

D8
CV4

CV4_LED_OUT

RJ45 Sockets

Connectors

USB and MIDI

LEDs

H1 MountingHole

H2 MountingHole

H3 MountingHole

H4 MountingHole

D9 3d_Model_Dummy

Mountjoy Modular

Sheet: /

File: working_2.kicad_sch

Title: Quad MIDI Monger

Size: A4

Date: 2023-02-28

KiCad E.D.A. eeschema 7.0.6

Rev: v1.0

Id: 1/1