LittleFinger

SW2 SW_Push
SW3 SW_Push
SW4 SW_Push
SW5 SW_Push
SW6 SW_Push
SW1 SW_Push
D6 1N4148
D5 1N4148
D4 1N4148
D3 1N4148
D2 1N4148
D1 1N4148
row_5 col_0 row_0 row_1 row_2 row_3 row_4

RingFinger

SW7 SW_Push
SW8 SW_Push
SW9 SW_Push
SW10 SW_Push
SW11 SW_Push
D11 1N4148
D10 1N4148
D9 1N4148
D8 1N4148
D7 1N4148
col_1 row_0 row_1 row_2 row_3 row_4

MiddleFinger

SW12 SW_Push
SW13 SW_Push
SW14 SW_Push
SW15 SW_Push
SW16 SW_Push
D16 1N4148
D15 1N4148
D14 1N4148
D13 1N4148
D12 1N4148
col_2 row_0 row_1 row_2 row_3 row_4

IndexFinger

SW19 SW_Push
SW20 SW_Push
SW21 SW_Push
SW22 SW_Push
SW23 SW_Push
SW18 SW_Push
D25 1N4148
D24 1N4148
D23 1N4148
D22 1N4148
D21 1N4148
D18 1N4148
row_5 col_3 row_0 row_1 row_2 row_3 row_4

Thumb
5-way digital

SW24 SW_Push
SW25 SW_Push
SW26 SW_Push
SW27 SW_Push
SW28 SW_Push
SW29 SW_Push
D26 1N4148
D27 1N4148
D28 1N4148
D29 1N4148
D30 1N4148
D31 1N4148
row_4 row_3 row_2 row_1 row_0 col_4 row_5

2 axis analog

+3V3
RV1 R_Potentiometer
RV2 R_Potentiometer
axis_1 axis_0
GND

Base

+5V
PWR_FLAG
U1 STM32F103C8Tx

NRST 7
BOOT0 44
PD0 5
PD1 6
PC13 2
PC14 3
PC15 4
PB0 18 axis_1
PB1 19 axis_0
PB2 20
PB3 39 row_5
PB4 40 col_4
PB5 41
PB6 42
PB7 43
PB8 45
PB9 46
PB10 21 i2c_scl
PB11 22 i2c_sda
PB12 25
PB13 26 led1
PB14 27 led0
PB15 28 row_4

VBAT VDD VDD VDD VDDA
VSS VSS VSS VSSA

PA0 10
PA1 11
PA2 12
PA3 13
PA4 14 col_3
PA5 15 col_2
PA6 16 col_1
PA7 17 col_0
PA8 29 row_0
PA9 30 row_1
PA10 31 row_2
PA11 32 na
PA12 33 na
PA13 34 na
PA14 37 na
PA15 38 row_3

PWR_FLAG
GND

J1 Conn_01x06_Male
row_5 6
row_4 5
row_3 4
row_2 3
row_1 2
row_0 1

J2 Conn_01x06_Male
row_5 6
row_4 5
row_3 4
row_2 3
row_1 2
row_0 1

J3 Conn_01x06_Male
row_5 6
row_4 5
row_3 4
row_2 3
row_1 2
row_0 1

J4 Conn_01x06_Male
row_5 6
row_4 5
row_3 4
row_2 3
row_1 2
row_0 1

J5 Conn_01x06_Male
row_5 6
row_4 5
row_3 4
row_2 3
row_1 2
row_0 1

RowConnector 5x
J8 Conn_01x06_Female
1 row_0
2 row_1
3 row_2
4 row_3
5 row_4
6 row_5

ColConnector 1x
J7 Conn_01x05_Female
J6 Conn_01x05_Male
col_4 5
col_3 4
col_2 3
col_1 2
col_0 1

base_button
SW17 SW_Push
D17 1N4148
col_1 row_5

base_leds
+3V3
R1 R
R2 R
D19 LED
D20 LED
led0 led1

ssd1306 oled display
+3V3
J9 Conn_01x04_Male
i2c_scl 3
i2c_sda 2
GND

Sheet: /
File: replicazeron.kicad_sch
Title:
Size: A3   Date:
KiCad E.D.A. 8.0.6
Rev:
Id: 1/1