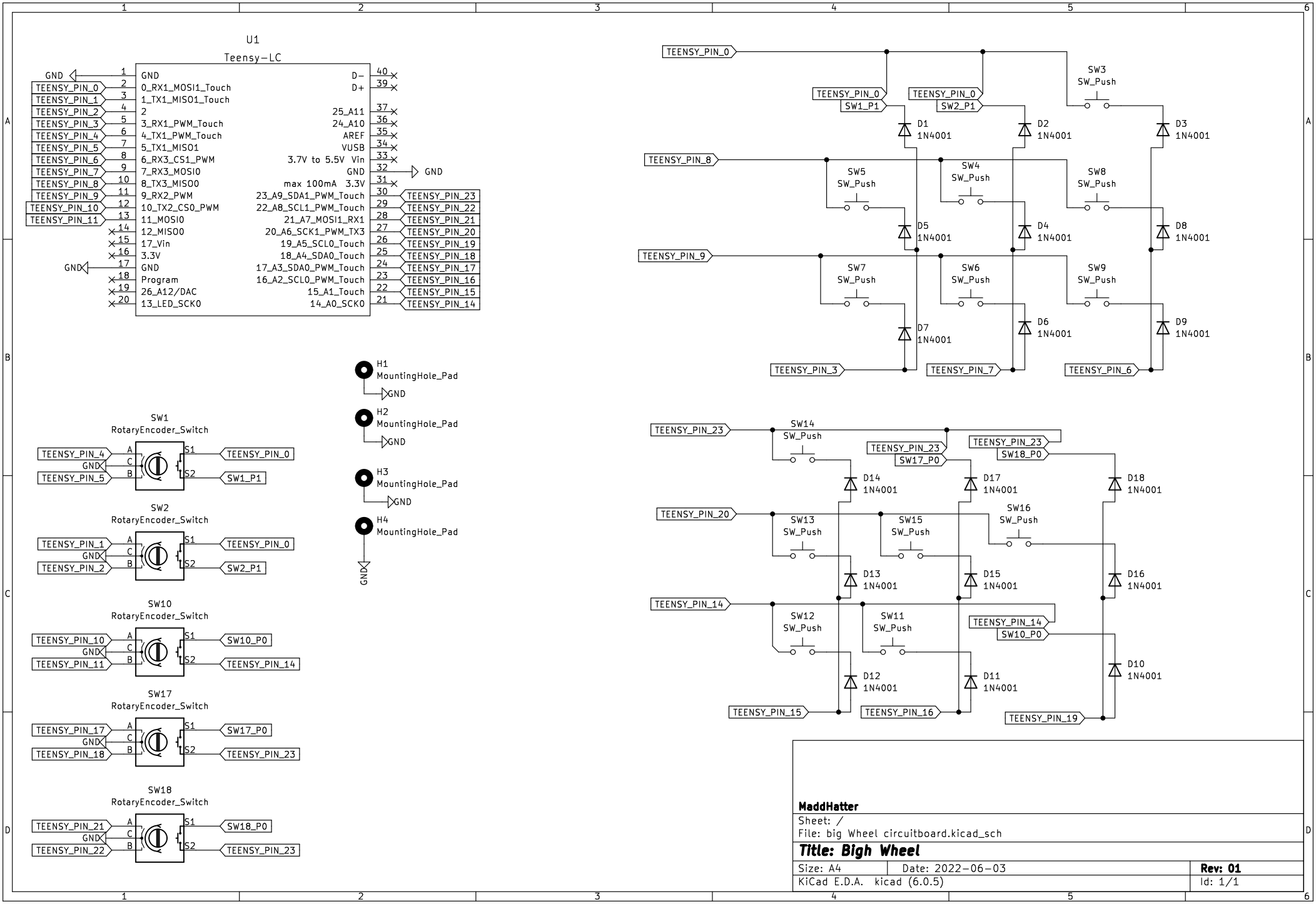
U1
Teensy-LC
GND
TEENSY_PIN_0
TEENSY_PIN_1
TEENSY_PIN_2
TEENSY_PIN_3
TEENSY_PIN_4
TEENSY_PIN_5
TEENSY_PIN_6
TEENSY_PIN_7
TEENSY_PIN_8
TEENSY_PIN_9
TEENSY_PIN_10
TEENSY_PIN_11
GND
1 GND
2 0_RX1_MOSI1_Touch
3 1_TX1_MISO1_Touch
4 2
5 3_RX1_PWM_Touch
6 4_TX1_PWM_Touch
7 5_TX1_MISO1
8 6_RX3_CS1_PWM
9 7_RX3_MOSI0
10 8_TX3_MISO0
11 9_RX2_PWM
12 10_TX2_CS0_PWM
13 11_MOSI0
14 12_MISO0
15 17_Vin
16 3.3V
17 GND
18 Program
19 26_A12/DAC
20 13_LED_SCK0
D- 40
D+ 39
25_A11 37
24_A10 36
AREF 35
VUSB 34
3.7V to 5.5V Vin 33
GND 32
max 100mA 3.3V 31
23_A9_SDA1_PWM_Touch 30
22_A8_SCL1_PWM_Touch 29
21_A7_MOSI1_RX1 28
20_A6_SCK1_PWM_TX3 27
19_A5_SCL0_Touch 26
18_A4_SDA0_Touch 25
17_A3_SDA0_PWM_Touch 24
16_A2_SCL0_PWM_Touch 23
15_A1_Touch 22
14_A0_SCK0 21
TEENSY_PIN_23
TEENSY_PIN_22
TEENSY_PIN_21
TEENSY_PIN_20
TEENSY_PIN_19
TEENSY_PIN_18
TEENSY_PIN_17
TEENSY_PIN_16
TEENSY_PIN_15
TEENSY_PIN_14
H1 MountingHole_Pad
H2 MountingHole_Pad
H3 MountingHole_Pad
H4 MountingHole_Pad
SW1 RotaryEncoder_Switch
SW2 RotaryEncoder_Switch
SW10 RotaryEncoder_Switch
SW17 RotaryEncoder_Switch
SW18 RotaryEncoder_Switch
A
C
B
S1
S2
SW1_P1
SW2_P1
SW10_P0
SW17_P0
SW18_P0
SW3 SW_Push
SW4 SW_Push
SW5 SW_Push
SW6 SW_Push
SW7 SW_Push
SW8 SW_Push
SW9 SW_Push
SW13 SW_Push
SW14 SW_Push
SW15 SW_Push
SW16 SW_Push
SW11 SW_Push
SW12 SW_Push
D1 1N4001
D2 1N4001
D3 1N4001
D4 1N4001
D5 1N4001
D6 1N4001
D7 1N4001
D8 1N4001
D9 1N4001
D10 1N4001
D11 1N4001
D12 1N4001
D13 1N4001
D14 1N4001
D15 1N4001
D16 1N4001
D17 1N4001
D18 1N4001
MaddHatter
Sheet: /
File: big Wheel circuitboard.kicad_sch
Title: Bigh Wheel
Size: A4
Date: 2022-06-03
Rev: 01
KiCad E.D.A. kicad (6.0.5)
Id: 1/1