Q1 Q_PMOS_GSD
R3 100k
D2 D_Schottky
+BATT
VBUS

J1 Conn_01x02_Socket
+BATT
GND

SW1 RotaryEncoder_Switch
Q2 Q_NMOS_GSD
GND
GND

R4 100k
R5 100k
Neopixel
VBUS
BLK
GND

LED1 SK6812MINI-E
VBUS
DOUT DIN
VDD
VSS
Neopixel
GND

U1 XIAO-RP2040-DIP

Pin		Pin	
1	GPIO26/ADC0/A0	VBUS	14
2	GPIO27/ADC1/A1	GND	13
3	GPIO28/ADC2/A2	3V3	12
4	GPIO29/ADC3/A3	GPIO3/MOSI	11
5	GPIO6/SDA	GPIO4/MISO	10
6	GPIO7/SCL	GPIO2/SCK	9
7	GPIO0/TX	GPIO1/RX	8

VBUS
+3.3V
GND
RES
DC

C3 4.7u
VBUS
GND
C4 4.7u
+3.3V
GND

U2 MCP73831-2-OT
VBUS
C1 4.7u
GND
VDD   VBAT
PROG
VSS   STAT
R1 2k
GND
D1 LED
R2 2k
+BATT
C2 4.7u
GND

DS1 SPI LCD
+3.3V   VBUS
JP1   **JP2**
SCL
SDA   VCC
RES
DC   GND
BLK
GND

H1 **H2** **H3** **H4** MountingHole
H5 **H6** **H7** **H8** MountingHole

Toby Cm's Lab
Sheet: /
File: skibidi-album-clicker.kicad_sch
Title: skibidi-album-clicker
Size: A4   Date: 2025-12-14   **Rev: v3**
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