IO32

3V3

R1
PTA1543   GND

J1   VBAT
2   2
1   1
battery connector   GND

U1

VBAT
17 VBAT   RESET 16   3V3
18 EN   3V3   15
19 VBUS   14
20 IO13_A12   GND   13   GND
21 IO12_A11   A0_DAC2 12
GPIO27 22 IO27_A10 A1_DAC1 11
GPI33   23 IO33_A9   A2_I34 10 GPI34
GPIO15 24 IO15_A8   A3_I39 9   GPI39
IO32   25 IO32_A7   A4_IO36 8   GPI36
GPIO14 26 IO14_A6   A5_IO4 7   GPIO4
27 SCL   SCK   6
28 SDA   MOSI   5
                MISO   4
                IO16   3
                IO17   2
                IO21   1   GPIO21

ESP32_FEATHER_ADAFRUIT

3V3

P1   1   2   GPI34
P3   1   2   GPI39
P5   1   2   GPI36
P7   1   2   GPI33
P9   1   2   GPIO35

R2   R3   R4   R5   R6
1k   1k   1k   1k   1k
1%   1%   1%   1%   1%
0805 0805 0805 0805 0805

GND

3V3

P2   1   2   GPIO21
P4   1   2   GPIO27
P6   1   2   GPIO4
P8   1   2   GPIO15
P10   1   2   GPIO14

R7   R8   R9   R10   R11
1k   1k   1k   1k   1k
1%   1%   1%   1%   1%
0805 0805 0805 0805 0805

GND

VBAT   B1
1   2   Battery
GND

Title			
Size	Number		Revision
A4			
Date: 8/05/2020		Sheet of	
File: C:\Users\..\remote_control_light.SchDoc	Drawn By:		
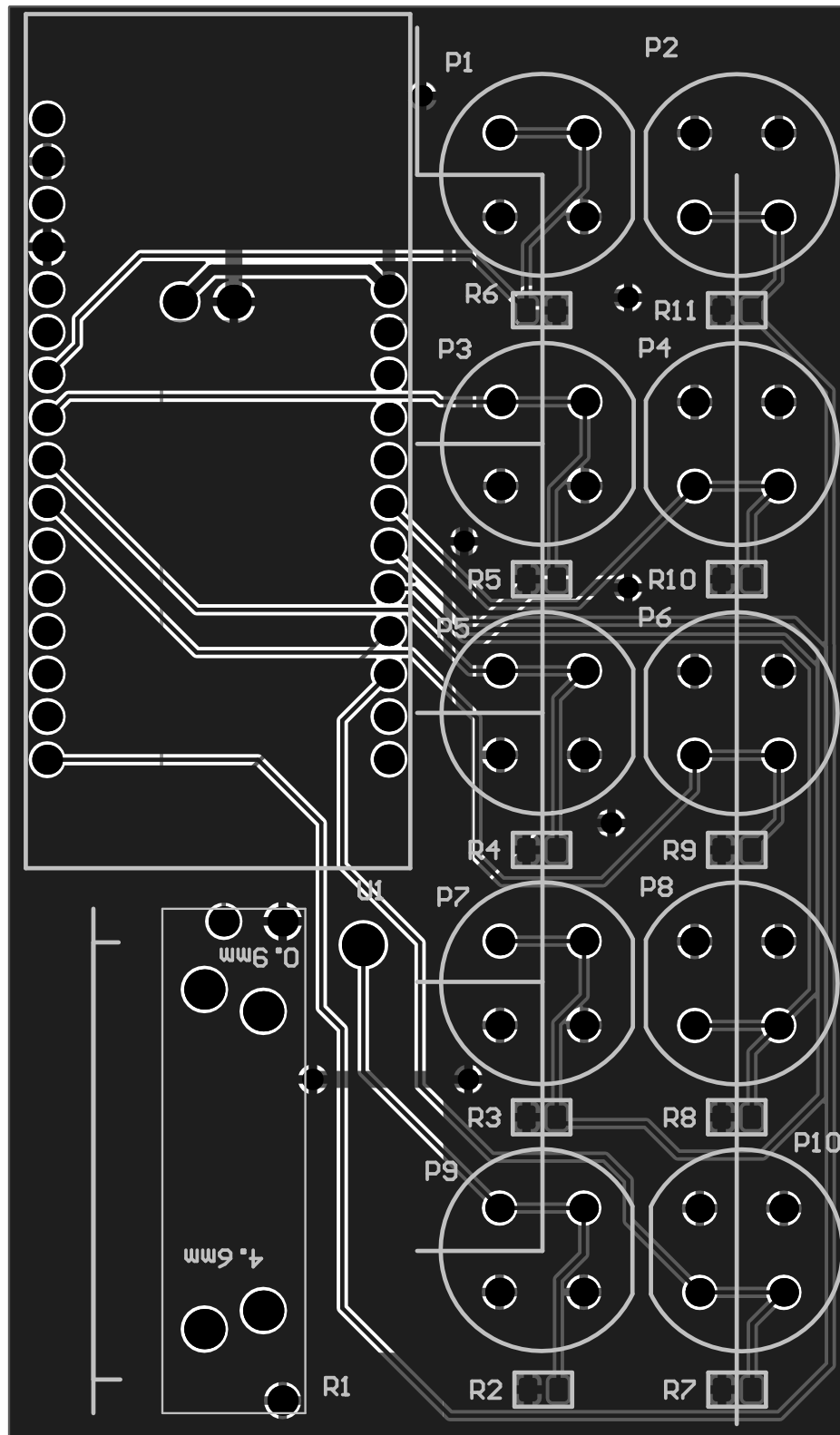
Comment	Description	Designator	Footprint	LibRef	Quantity
Battery		B1	battery-3.7V-1200mAh	Battery	1
battery connector	surface mount battery connector	J1	Battery connector	CONN_BATT	1
PUSH_BUTTON_D6F		P1, P2, P3, P4, P5, P6, P7, P8, P9, P10	PUSH_BUTTON_D6F	PUSH_BUTTON_D6F	10
PTA1543	10 kOhms 0.05W, 1/20W Through Hole Slide Potentiometer Top Adjustment Type	R1	POT PTA1543	POT PTA1543	1
RES - 0805	RES - 0805	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11	RES_0805	RES - 0805	10
ESP32_FEATHER_ADAFRUIT		U1	ESP32_FEATHER	ESP32_FEATHER_ADAFRUIT	1