Technical Specs:

Main MCU: RP2040 (Raspberry Pi)

Storage: 8MB

Powering Options: USB-C, DC Power input jack

Operating Voltage:

1) Main MCU: 3.3V
2) USB C power: 5V
3) External DC Power Input: 6-12V

Board Size:

L: 75mm

W: 55mm

H: 15mm (at maximum height) ,5mm PCB

Wireless Modules:

(No wireless modules)

WiFi: NO

BLE/Bluetooth: NO

USB Speeds: USB 2.0

Fundamental parts Used:

1) RP2040 – Raspberry Pi
2) W25Q32JVSSIQ-WinBond
3) AMS1117-3.3-Advanced Monolithic Systems
4) AMS1117-5V Advanced Monolithic Systems
5) WS2182- WorldSemi
6) SM712-SMC Diode Solutions
7) Passives TyoHM
8) SM04B-SRSS-TB(LF)(SN) - JST
9) TS-1187A-B-A-B – XKB Connection
10) MC 307- Hanbo Electronic

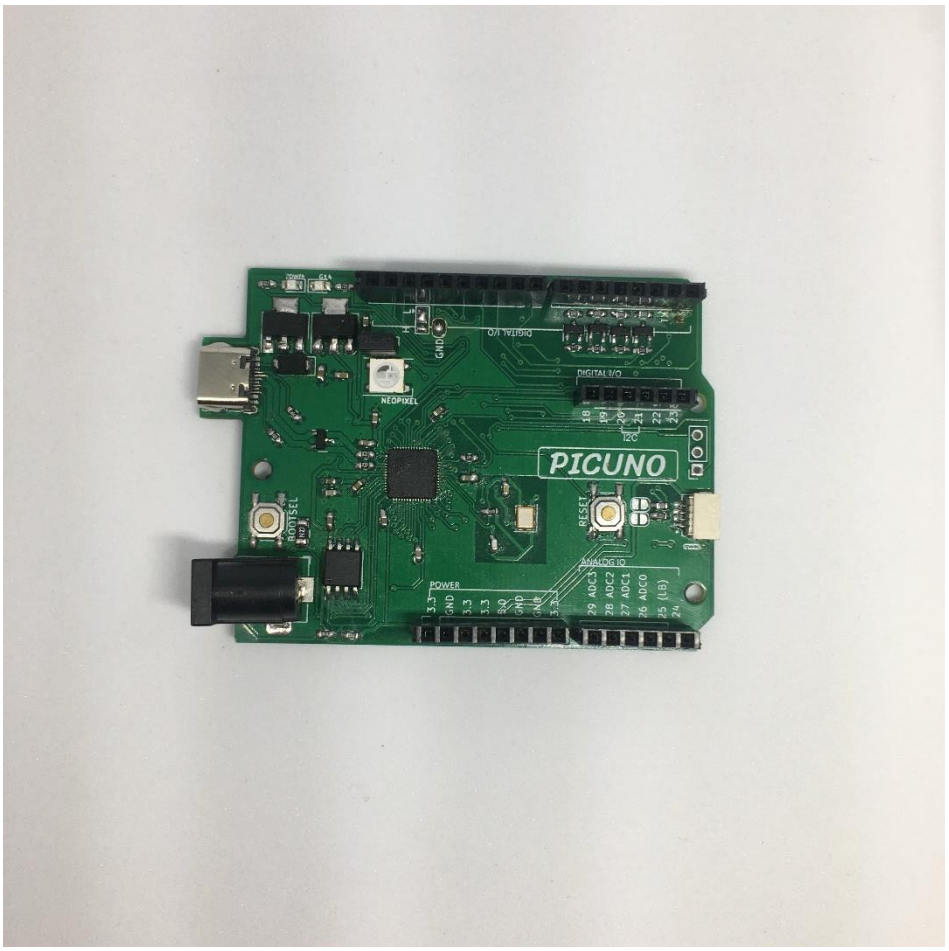
Country of Manufacture: India

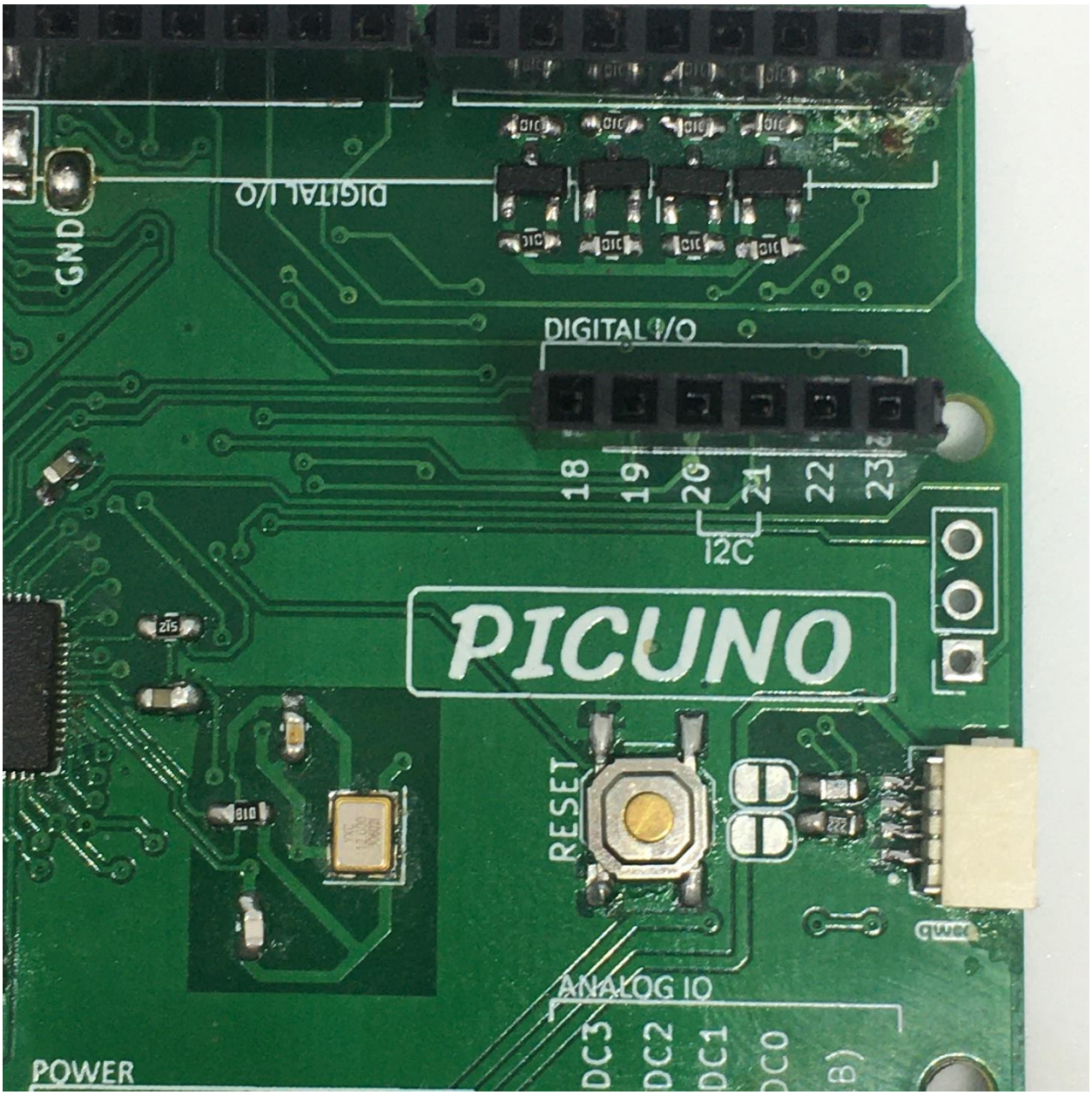
Design and Assembly: India

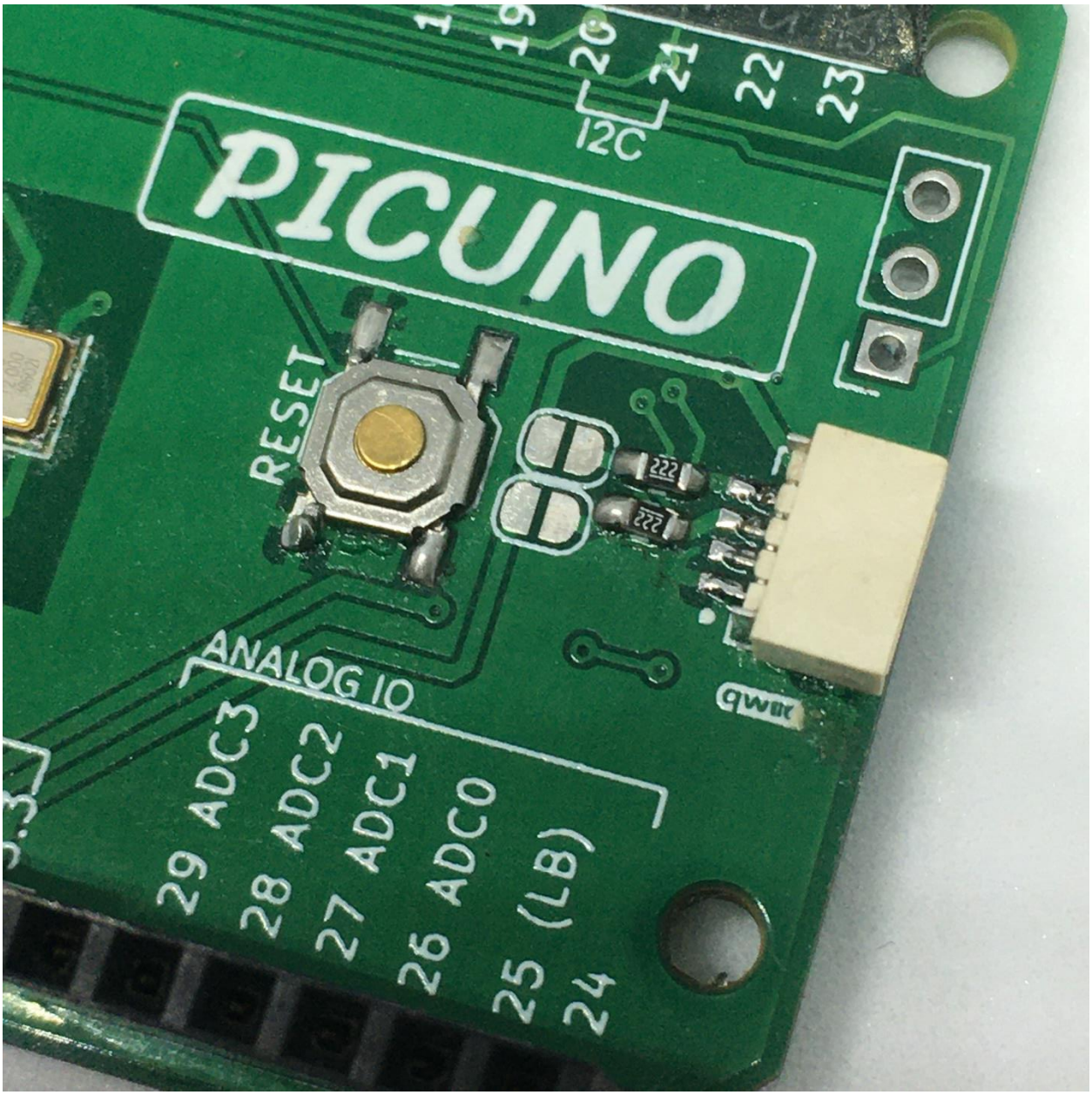
Solder: Lead Free

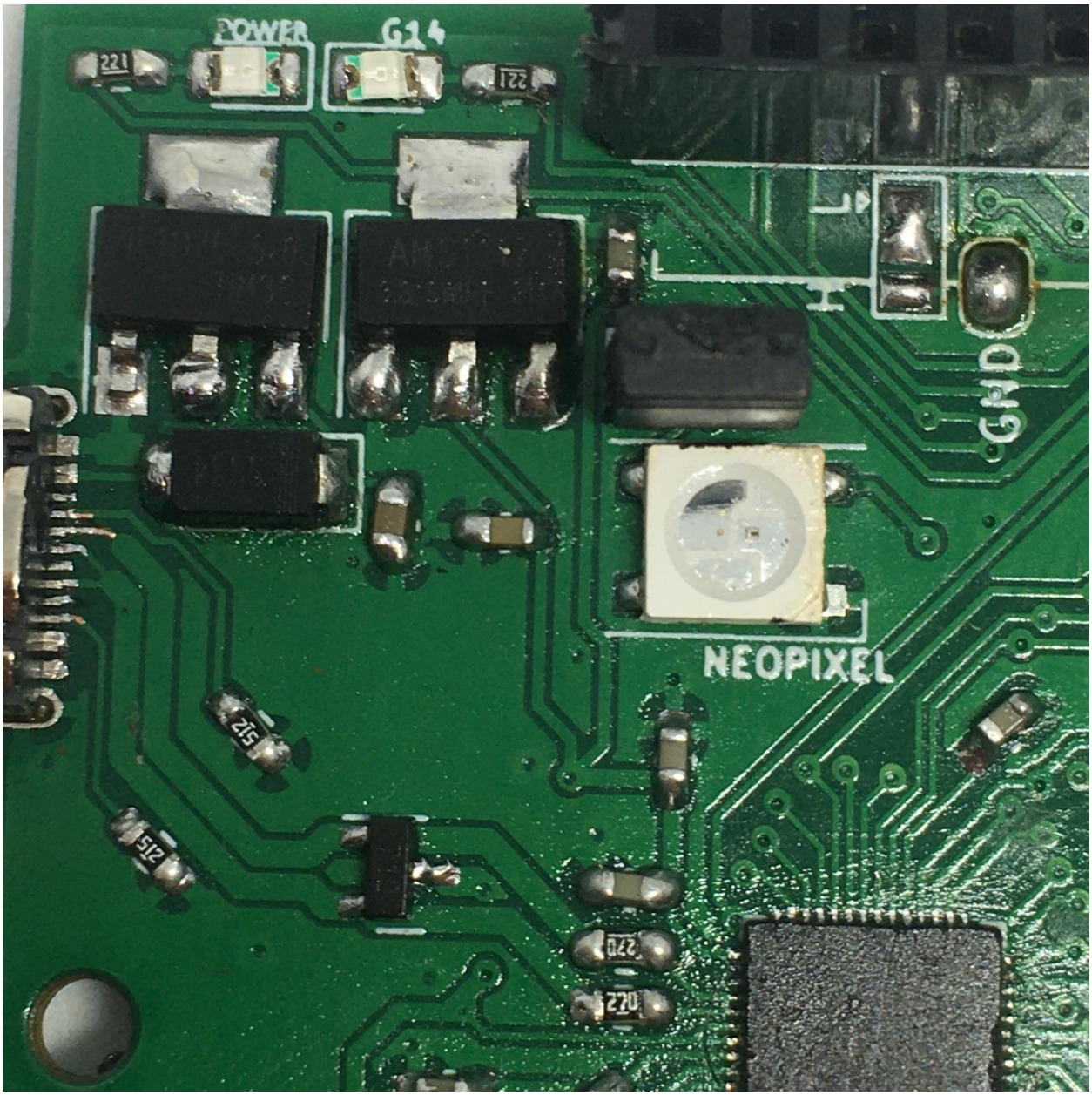
Any Tests Performed: None

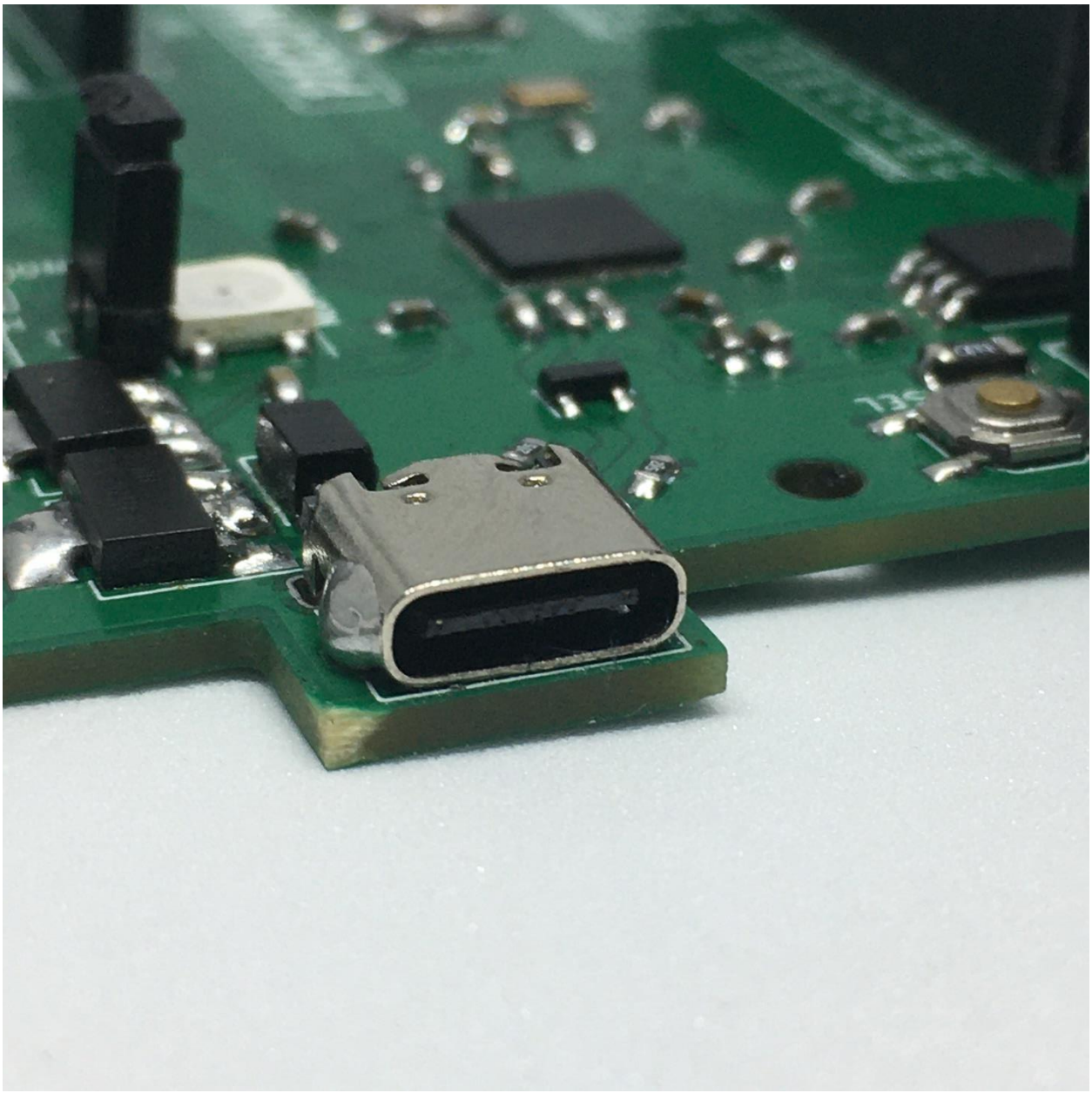
Product photos:

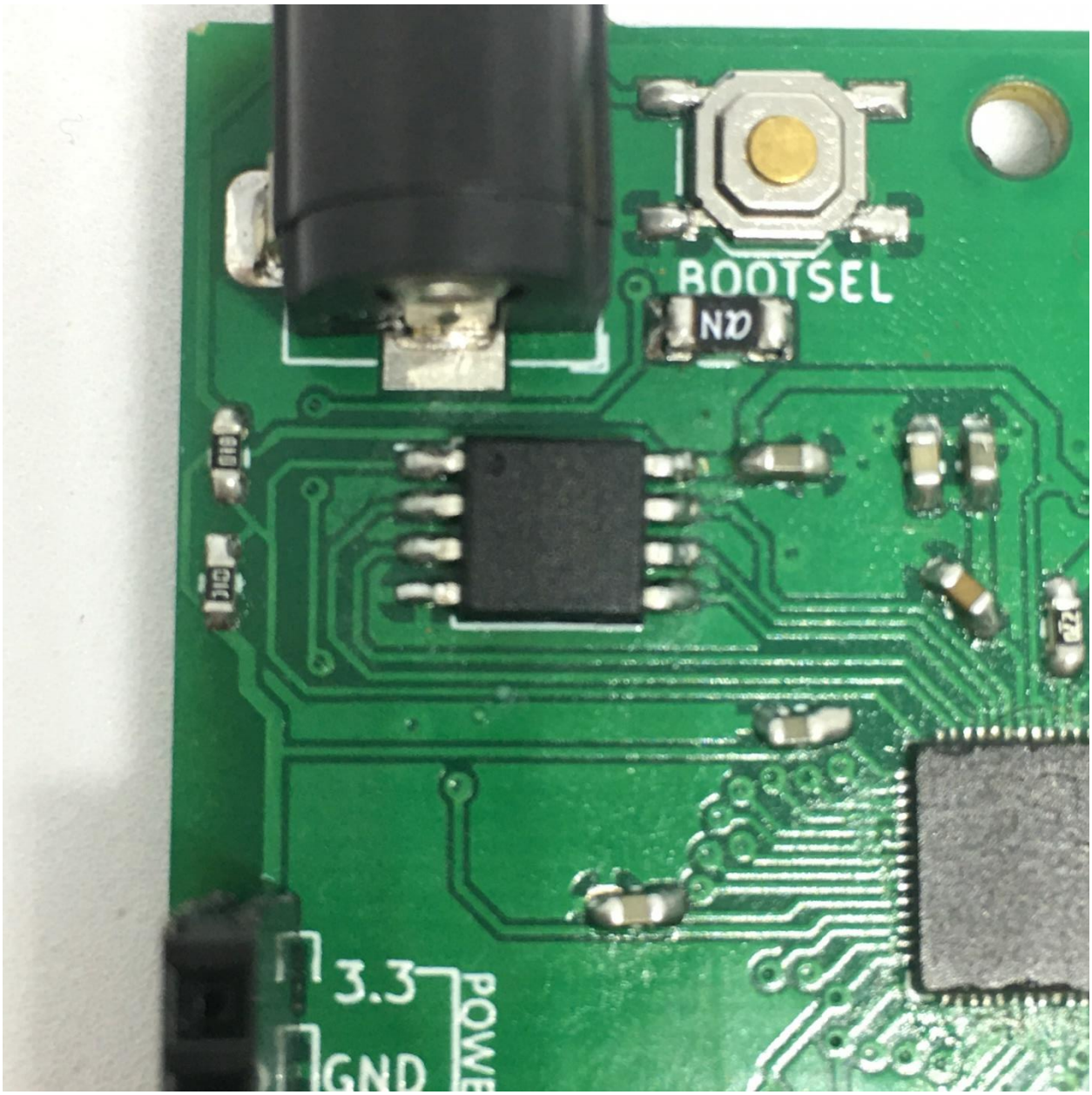

PICUNO
NEOPIXEL
RESET
POWER
DIGITAL I/O
ANALOG IO
I2C

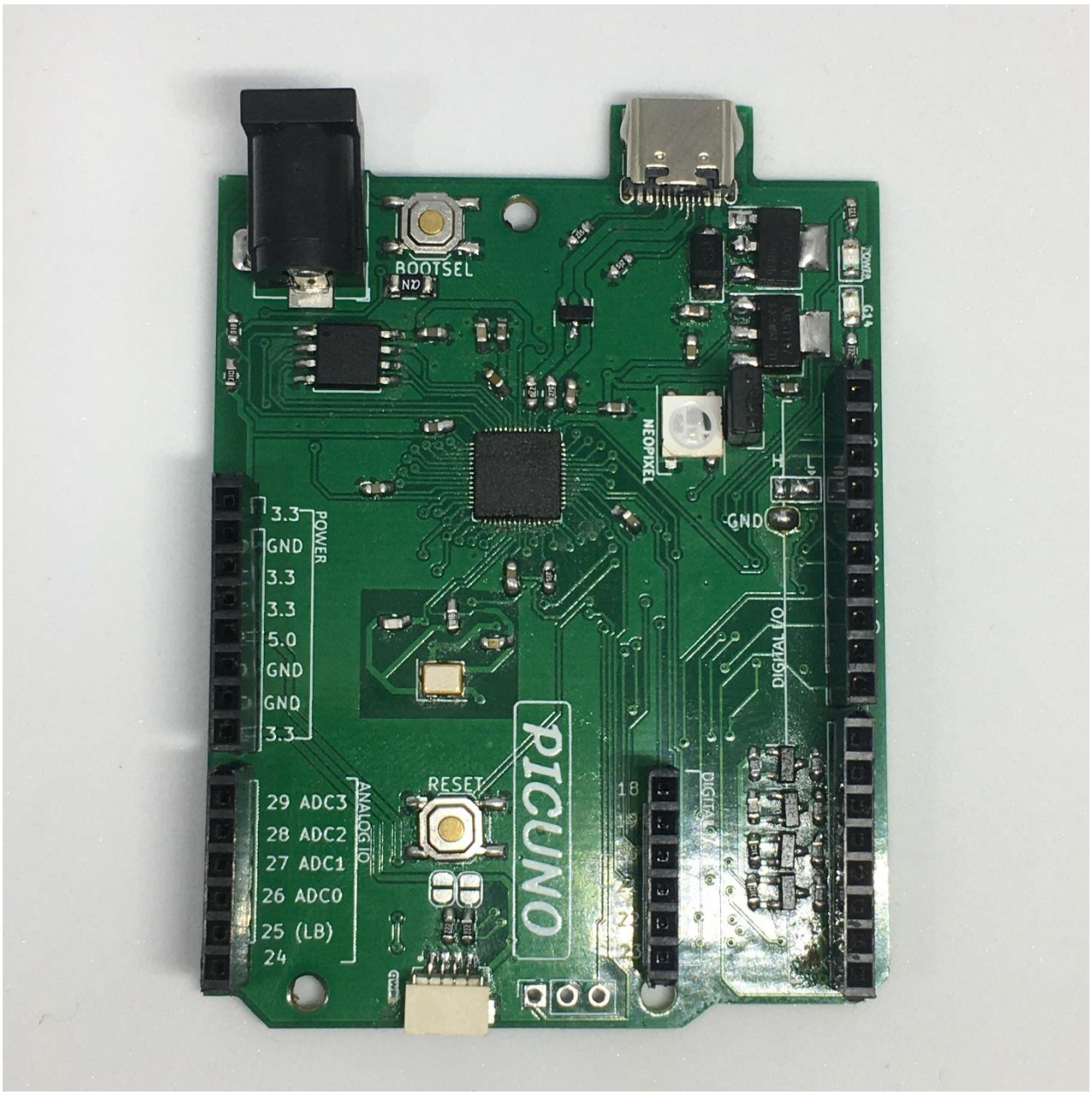

GND
DIGITAL I/O
DIGITAL I/O
18
19
20
21
22
23
I2C
PICUNO
RESET
ANALOG IO
POWER

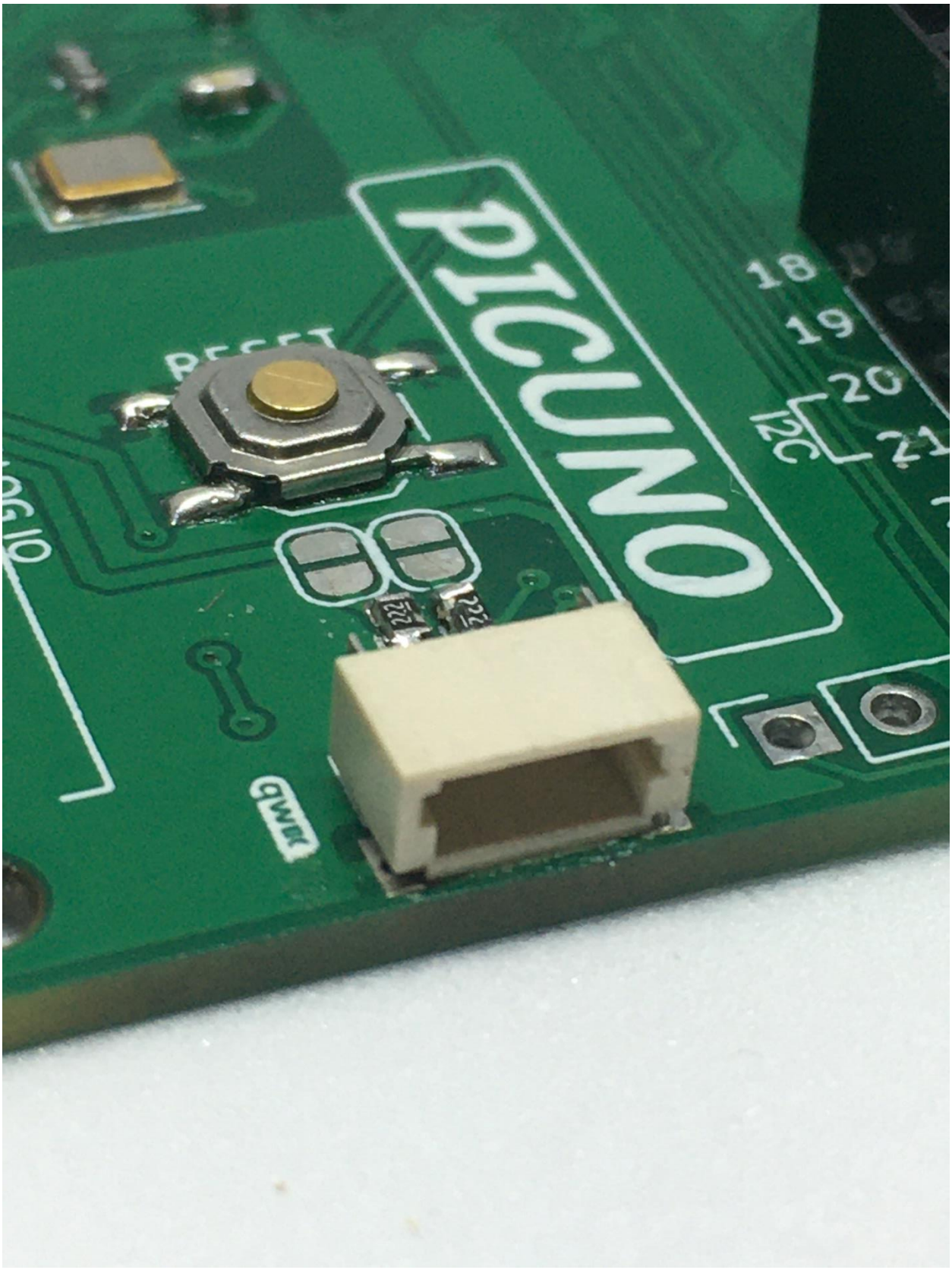

PICUNO
I2C
20
21
22
23
RESET
ANALOG IO
29 ADC3
28 ADC2
27 ADC1
26 ADC0
25 (LB)
24


POWER
G14
221
221
GND
NEOPIXEL
512
512
270
270

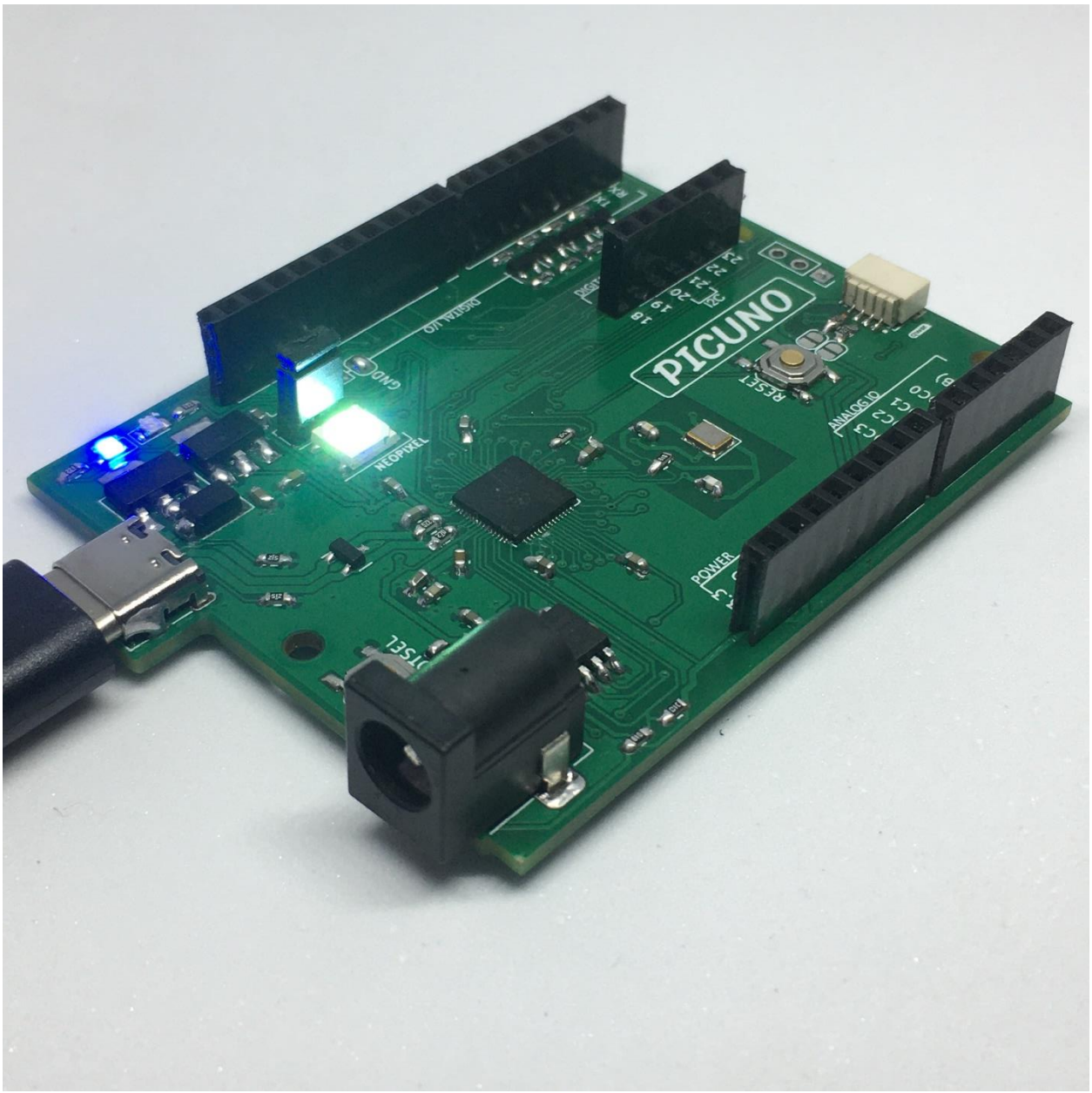



BOOTSEL
3.3
GND


BOOTSEL
NEOPIXEL
GND
3.3
POWER
GND
3.3
3.3
5.0
GND
GND
3.3
RESET
29 ADC3
28 ADC2
27 ADC1
26 ADC0
25 (LB)
24
ANALOG IO
PICUNO
DIGITAL I/O
18


PICUNO
RESET
18
19
20
21
I2C
222
222

POWER
G14
NEOPIXEL
GND
DIGITAL I/O
TX
RX
DIGITAL I/O
18
19
20
21
22
23
I2C
PICUNO
RESET
BOOTSEL
ANALOG IO
29 ADC3
28 ADC2
27 ADC1
26 ADC0
25 (LB)
24
POWER
3.3
GND
3.3
3.3
5.0
GND
GND
3.3


PICUNO
RESET
ANALOG I/O
POWER
NEOPIXEL
DIGITAL I/O

PICUNO
Powered By RP2040
It's ON
UART 0 RX | I2C0 SCL
UART 0 TX | I2C0 SDA
I2C1 SDA
GND
UART0 RX | I2C 0 SCL
UART0 TX | I2C 0 SDA
I2C 1 SCL
I2C 1 SDA
UART 1 RX | I2C 0 SCL
UART 1 TX | I2C 0 SDA
-OUTPUT ONLY
-OUTPUT ONLY
-OUTPUT ONLY
-OUTPUT ONLY
UART 0 TX
UART 0 RX
I2C 1 SCL
I2C 1 SDA
I2C 0 SCL
I2C 0 SDA
SWO
GND
SWCLK
ATRIVA TECH
MADE IN INDIA
ATRIVATECH.COM
RP2040
OPEN-SOURCE HARDWARE
PRODUCTION OF ESCcrasci
DO NOT POWER VIA JACK WHEN USB C IS CONNECTED
It's ON GROUP OF COMPANIES
3 3 3 3 5 G G G
W339967AS1D15