A

I2C_SDA 1
I2C_SCL 2
3
4
OLED_1
3.3V GND

I2C_SDA 1
I2C_SCL 2
3
4
OLED_2
GND 3.3V

3.3V

Arduino Nano

D13	D12
3.3V	D11
AREF	D10
A0	D9
A1	D8
A2	D7
A3	D6
A4	D5
A5	D4
A6	D3
A7	D2
5.5V	GND2
RST	RST1
GND	RX1
RAW	TX0

SPI_SCK
SPI_MISO
SPI_MOSI
SPI_SS
RFID_RST
BUZZER
I2C_SDA
I2C_SCL

M1
RFID - RC522

SS — SPI_SS
SCK — SPI_SCK
MOSI — SPI_MOSI
MISO — SPI_MISO
IRQ
GND
RST — RFID_RST
3V3

3.3V GND

V_BATT GND

B

C

V_BATT 3.3V

JP_VBATT/5V
1
2
JP_3V3
1
2
JP_GND
1
2

C2 100nF
C1 100nF

GND

CURRENT
2
1

S1

M2

IN+ OUT+
B+
USB
B-
IN- OUT-

JP_BATT_EN

BATT
2 1
X1-2
X1-1
53048-02

GND GND

U1

1 VDD OUT 5
3 EN NC 4
GND 2

V_BATT

C4 100nF

GND

MAX40200AUK+

D

board

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