Conn_01x09_Female

J10

EVOLUTEK>>
- L'ASSO ROBOTIQUE EPITA / EPITECH / IPSA -

Carte IO Raspberry Pi V4.1
By Pince Bleue — 2021

Conn_01x04_Male   Conn_01x04_Male

CAN

USB

C5
100n...
C3
100...
C1
100nF

U1

R...   R...   R1

C4

C2

D... D1

RX
TX

Conn_01x04_Male

J9

BZ1

USB

5V / CAN / CANH / 5V

C9   R9 R...   R20

Q1

Q1

P1

C6   C...   C7

22pF   22pF

Conn...x06_Male

R...8   U3

R10

BZ1

R14   R16

U2

Buzzer

R... R...

Gunnard Connector

FAN

R... R... R 2 — / PH / INT
SCL / SDA / 3.3V

TIRETE
—/TIR/3.3V

FAN

12V FANS (—/+)

FAN

I2C — /SCL/SDA/5V

R...   R6

100

D6

I2C

GREEN

R15

R5 D7

FAN

Conn...

LEDs MDB
—/DAA/5V

LED strip MDB

RED

D4N...

U4

C14

NCP718xSN330

C13
uF

5V/...

3.3V

3.3V

Screen Connector

12V/5   5V   12V

C10

LIDAR

LIDAR

Raspberry pi