

Raspberry Pi - Pi-F5 board

fischertechnik compatible

IN A INPUTS SIGNAL INPUT i2C (48) analog

(A0,A1,A2,A3)

PULL UP connected to 3.3V (value 160)
 5V connected to An - value 200)
 9V connected to An - value 255)
 GND connected to An - value 0
 Maximal input voltage 9V
 - resistors and simillar connect to An and GND

GND (-)

POWER SUPPLY - ADAPTER
9V for board and Raspberry Pi
 Recommended: 2500 mA

OUT OUTPUTS

(23,22,25,24,13,12,21,20)

near 9V (max. 600mA)
 Output voltage depends on supply voltage

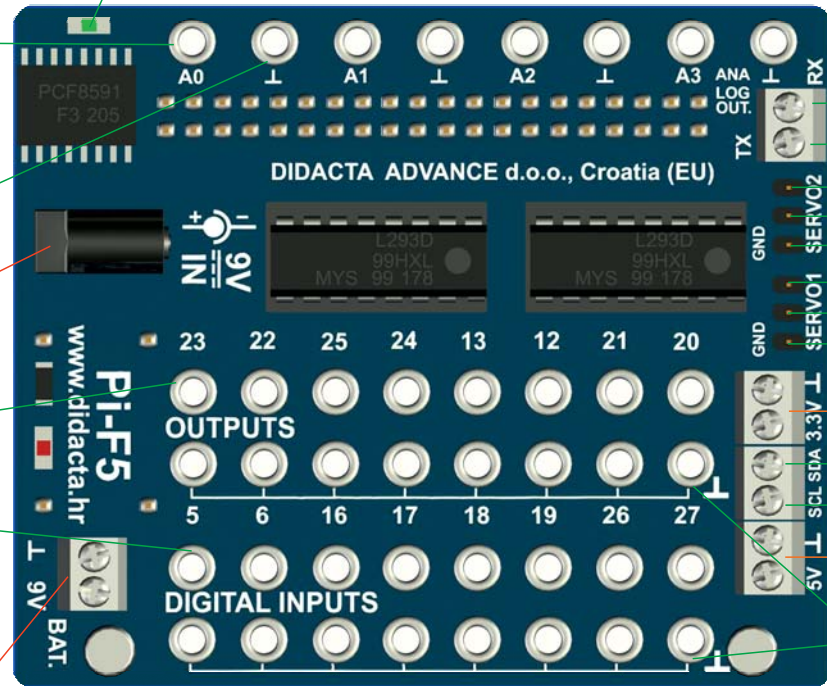
IN D INPUTS SIGNAL INPUT digital

(5,6,16,17,18,19,26,27)

Maximal input voltage 9V

POWER SUPPLY - BATTERY
9V for board and Raspberry Pi
 Recommended min.: 1800 mAh

ANALOG OUTPUT control LED light
 the light intensity depends on the analog output value



RX (5V) 15 **UART**

TX (5V) 14 **UART**

SIGNAL (5V) 7 **SERVO 2**
 VCC (5V)
 GND

SIGNAL (5V) 8 **SERVO 1**
 VCC (5V)
 GND

3.3V OUTPUT
 SUPPLY FOR SENSORS

SDA (5V) **I2C**

SCL (5V) **I2C**

5V OUTPUT
 SUPPLY FOR SENSORS

GND (-)