Raspberry Pi (3B,3A,Zero,4B) - Pi-T5 board

fischertechnik compatible

IN A **INPUTS** SIGNAL INPUT i2C (48)
(A0,A1,A2,A3) **analog**

PULL UP connected to 3.3V (value near 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 simmilar connect to An and GND

GND (-)

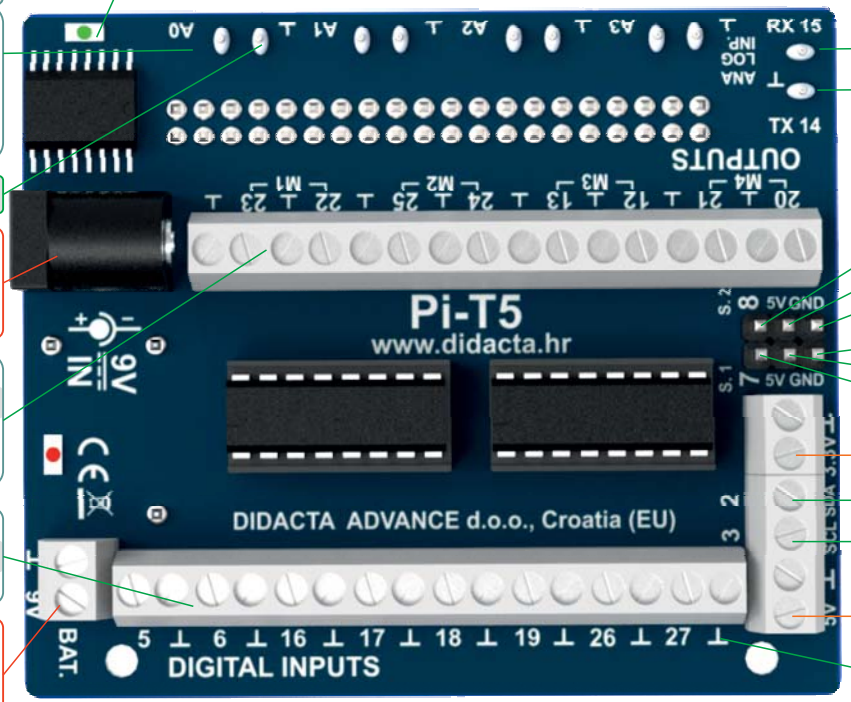
POWER SUPPLY - ADAPTER 9V
for board and Raspberry Pi
Recommended: 2500 mA

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

5V VOLTAGE CONVERTER, FOR SERVO MOTORS ONLY

SERVO 2
SIGNAL (5V) 8
VCC (5V)
GND

SERVO 1
GND
VCC (5V)
SIGNAL (5V) 7

3.3V **OUTPUT** SUPPLY FOR SENSORS

SDA (5V) **I2C**
SCL (5V) **I2C**

5V **OUTPUT** SUPPLY FOR SENSORS

GND (-)

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