



GPIO: GND, 3V3, 19, 21, 20, 7
GND, 3V3, MISO, SCLK, MOSI, CE
SPI / unprotected GPIO

5V, 3V3, GND, SCL, SDA
I2C

GND, RX, TX
UART

B, A, GND
RS485

102.6670 mm

5V, -5V, 3V3, GND
low power supply

CH1, CH0, CH3, CH2, CH5, CH4, CH7, CH6
8x analog input - wago-734-168

DIN1, DIN2, DIN3, DIN4, DIN5, DIN6, DIN7, DIN8
GPIO-25, GPIO-16, GPIO-26, GPIO-13, GPIO-6, GPI-5, GPIO-22, GPIO-24
8x digital input - wago-734-168

162.0320 mm

TOP: GND, 3V3, CH8, CH7, CH6, CH5, CH4, CH3, CH2, CH1
BOT: COM, COM, CH8, CH7, CH6, CH5, CH4, CH3, CH2, CH1
8x Digital out (opendrain + push-pull)

PWM1
GPIO-12 (PWM0)

PWM2
GPIO-18 (PWM0)

power connector:
12V, 5V, 3V3, GND

Relay1
Shift-Register CH7

Relay2
Shift-Register CH6

top row: push-pull
bot row: power open drain