C-Control IoT WIFI Board

Pin	Port	Funktion		PWM
D13	PB5	L-LED	SCK	
3,3 V	max 50 mA			
AREF	Analoge Referntspannung			
A0/D14	PC0			
A1/D15	PC1			
A2/D16	PC2			
A3/D17	PC3			
A4/D18	PC4		SKA	
A5/D19	PC5		SCL	
A6				
A7				
5 V				
Reset	PC6			
GND				
Vin	7 - 12 V/DC			

PWM	Funktion		Port	Pin
	MISO	ESP-RXD	PB4	D12
X	MOSI	ESP-TXD	PB3	D11
X	SS		PB2	D10
X			PB1	D9
			PB0	D8
			PD7	D7
X			PD6	D6
X			PD5	D5
			PD4	D4
X	INT1		PD3	D3
	INT0		PD2	D2
				GND
			PC6	Reset
	TXD		PD1	D1
	RXD		PD0	D0

LEDs:

D3: L-LED (Pin D13)
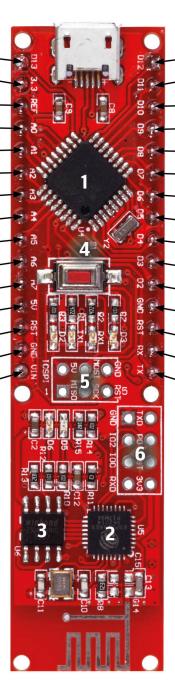
D2: Power LED (ATmega328)

TX: TXD (ATmega328)

RX: RXD (ATmega328)

D6: Power LED (ESP8266)

D5: TXD (ESP8266)

Notes:

· max. Ausgangsstrom pro Pin: 40mA

· max. Ausgangsstrom gesamt: 100mA

Frei
Bereits verwendet
DC Ausgang
GND
Sonder Pin

1) ATmega 328p

2) Esp8266

3) SPI-Flash

4) Reset-Button

5) ISP ATmega 328p

6) ESP8266 Connector