

Table for DDRB

DDRB	Description
0	Input pin
1	Output pin

Table for PORTB

PORTB	Description
0	Output low value
1	Output high value

Table for the combination of DDRB and PORTB

DDRB	PORTB	Direction	Internal pull-up resistor	Description
0	0	Input	No	Tri-state, high impedance
0	1	Input	Yes	Pxn will source current if ext. pulled low
1	0	Output	No	Output low (Sink)
1	1	Output	No	Output High (Source)

Table with input/output pins available on ATmega328p

Port	Pin	Input/output usage?
A	x	Microcontroller ATmega328P does not contain port A
B	0	Yes (Arduino pin 8)
	1	Yes (Arduino pin ~9)
	2	Yes (Arduino pin ~10)
	3	Yes (Arduino pin ~11)
	4	Yes (Arduino pin 12)
	5	Yes (Arduino pin 13)
	6	No
	7	No
C	0	Yes (Arduino pin A0)
	1	Yes (Arduino pin A1)
	2	Yes (Arduino pin A2)
	3	Yes (Arduino pin A3)
	4	Yes (Arduino pin A4)
	5	Yes (Arduino pin A5)
	6	No
	7	X
D	0	Yes (Arduino pin Rx <-0)
	1	Yes (Arduino pin Tx ->1)
	2	Yes (Arduino pin 2)
	3	Yes (Arduino pin ~3)
	4	Yes (Arduino pin 4)
	5	Yes (Arduino pin ~5)
	6	Yes (Arduino pin ~6)
	7	Yes (Arduino pin 7)