

14.4.2 PORTB - The Port B Data Register

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Bit	7	6	5	4	3	2	1	0	
0x05 (0x25)	PORTB7	PORTB6	PORTB5	PORTB4	PORTB3	PORTB2	PORTB1	PORTB0	PORTB
Read/Write	R/W	R/W	R/W	R/W	R/W	RW	R/W	R/W	A.
Initial Value	0	0	0	0	0	0	0	0	

14.4.3 DDRB - The Port B Data Direction Register

Bit	7	6	5	4	3	2	1	0	
0x04 (0x24)	DDB7	DDB6	DDB5	DDB4	DDB3	DDB2	DDB1	DDB0	DDRB
Read/Write	R/W	RW							
Initial Value	0	0	0	0	0	0	0	0	

14.4.4 PINB - The Port B Input Pins Address(1)

Bit	7	6	5	4	3	2	1	0	
0x03 (0x23)	PINB7	PINB6	PINB5	PINB4	PINB3	PINB2	PINB1	PINB0	PINB
Read/Write	R/W								
Initial Value	N/A								

PB.0

PBO

14.4.3 DDRB - The Port B Data Direction Register

Bit	7	6	5	4	3	2	1	0	
0x04 (0x24)	DDB7	DDB6	DDB5	DDB4	DDB3	DDB2	DDB1	DDB0	DDRB
Read/Write	R/W	*W	1						
Initial Value	0	0	0	0	0	0	0	-	

DDRB	The Port B Data Direction Register												
DDB7	DDB6	DDB5	DDB4	DDB3	DDB2	DDB1	DDB0						
Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0						
0	0	0	0	0	0	0	1						

setBit(DDRB, 0)

14.4.2 PORTB - The Port B Data Register

							-		
Bit	7	6	5	4	3	2	1	0	
0x05 (0x25)	PORTB7	PORTB6	PORTB5	PORTB4	PORTB3	PORTB2	PORTB1	PORTB0	
Read/Write	R/W	'/							
Initial Value	0	0	0	0	0	0	0	0	

Table 14-1. Port Pin Configurations

	DDxn	PORTxn	PUD (in MCUCR)	1/0	Pull-up	Comment	
	1	0	×	Output	No	Output Low (Sink)	
1	1	(1)	×	Output	No	Output High (Source)	
1				-			

	PORTB		The Port B Data Register											
	PORTB7	PORTB6	PORTB5	PORTB4	PORTB3	PORTB2	PORTB1	PORTB0						
ĺ	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0						
ĺ	0	0	0	0	0	0	0	1						

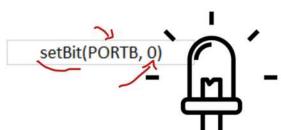
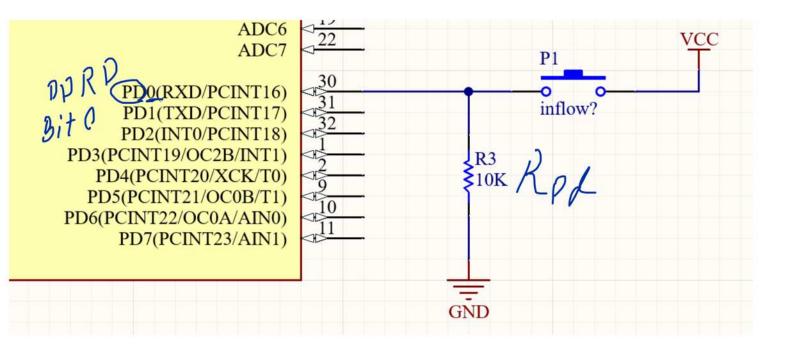


Table 14	1. Port F	Pin Config	urations						_		
DDxn	PORTxn	PU (in MC		1/0	Pull-up	Comment				0	
1	0	X		Output	No	Output Low ((Sink)			فاحل	
1	1	×		Output	No	Output High	(Source)		1	\	
		•									
PORTB			The	Port B Da	ta Register		1	cloarDit	PORTB,	0)	1
PORTB7	PORTB6	PORTB5	PORTB	4 PORT	B3 PORTI	B2 PORTB1	PORTB0	clearbit	PURIB,) r	лl
Bit7	Bit6	Bit5	Bit4	Bita	Bit2	Bit1	Bit0			щ	щ
0	0	0	0	0	0	0	0			\neg	~
	R1 330R	PIO → 201	ORTB, ORTB, ORTB, OW	#define	chalchalchalchalchalchalchalchalchalchal	ngeBit(POF	RTB, 0, 1) RTB, 0, 0) RTB, 0) RTB, 0) Con #d ORTB, 0) toggleBit(I	change act/ define Led_ define Led_ PORTB, 0)	Bit(PORT	Bit(PORT	BO, O) B, O)



14.4.9 DDRD - The Port D Data Direction Register

Bit	7	6	5	4	3	2	1	0	
0x0A (0x2A)	DDD7	DDD6	DDD5	DDD4	DDD3	DDD2	DDD1	DDD0	DDRD
Read/Write	R/W	RW							
Initial Value	0	0	0	0	0	0	0	0	

DDRD	8	The Port D Data Direction Register											
DDD7	DDD6	DDD5	DDD4	DDD3	DDD2	DDD1	DDD0						
Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0						
0	0	0	0	0	0	0	0						

clearBit(DDRD, 0)

14.4.10 PIND - The Port D Input Pins Address(1)

Bit	7	6	5	4	3	2	1	0	
0x09 (0x29)	PIND7	PIND6	PIND5	PIND4	PIND3	PIND2	PIND1	PIND0	PIND
Read/Write	R/W								
Initial Value	N/A								

Note: 1. Writing to the pin register provides toggle functionality for IO (see "Toggling the Pin" on page 85)

PIND	The Port D Input Pins Address							
PIND7	PIND6	PIND5	PIND4	PIND3	PIND2	PIND1	PINDO	
Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0	
0	0	0	0	0	0	0	(0)	



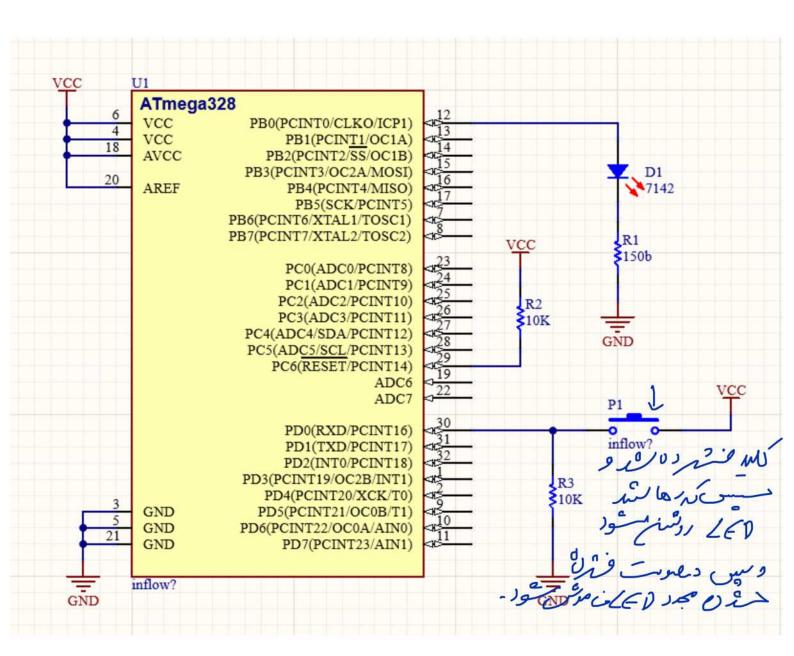


Table 14-1. Port Pin Configurations

DDxn	PORTxn	PUD (in MCUCR)	1/0	Pull-up	Comment
0	0	X	Input	No	Tri-state (Hi-Z)
0	1	0	Input	Yes	Pxn will source current if ext. pulled low.
0	1	1	Input	No	Tri-state (Hi-Z)

Meger 328

