

Arduino Pins

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Digital Pin	Arduino 168/328			Arduino Mega		
	Port	Analog pin	Usage	Port	Analog Pin	Usage
0	PD 0		USART RX	PE 0		USART0 RX, pin Int 8
1	PD 1		USART TX	PE 1		USART0 TX
2	PD 2		Ext Int 0	PE 4		PWM T3B, INT4
3	PD 3		PWM T2B, Ext Int 1	PE 5		PWM T3C, INT5
4	PD 4			PG 5		PWM T0B
5	PD 5		PWM T0B	PE 3		PWM T3A
6	PD 6		PWM T0A	PH 3		PWM T4A
7	PD 7			PH 4		PWM T4B
8	PB 0		Input Capture	PH 5		PWM T4C
9	PB 1		PWM T1A	PH 6		PWM T2B
10	PB 2		PWM T1B	PB 4		PWM T2A, Pin Int 4
11	PB 3		PWM T2A, MOSI	PB 5		PWM T1A, Pin Int 5
12	PB 4		MISO	PB 6		PWM T1B, Pin Int 6
13	PB 5		SCK	PB 7		PWM T0A, Pin Int 7
14	PC 0	0		PJ 1		USART3 TX, Pin Int 10
15	PC 1	1		PJ 0		USART3 RX, Pin Int 9
16	PC 2	2		PH 1		USART2 TX
17	PC 3	3		PH 0		USART2 RX
18	PC 4	4	I2C SDA	PD 3		USART1 TX, Ext Int 3
19	PC 5	5	I2C SCL	PD 2		USART1 RX, Ext Int 2
20				PD 1		I2C SDA, Ext Int 1
21				PD 0		I2C SCL, Ext Int 0
22				PA 0		Ext Memory addr bit 0
23				PA 1		Ext Memory addr bit 1
24				PA 2		Ext Memory addr bit 2
25				PA 3		Ext Memory addr bit 3
26				PA 4		Ext Memory addr bit 4
27				PA 5		Ext Memory addr bit 5
28				PA 6		Ext Memory addr bit 6
29				PA 7		Ext Memory addr bit 7
30				PC 7		Ext Memory addr bit 15
31				PC 6		Ext Memory addr bit 14
32				PC 5		Ext Memory addr bit 13
33				PC 4		Ext Memory addr bit 12
34				PC 3		Ext Memory addr bit 11
35				PC 2		Ext Memory addr bit 10
36				PC 1		Ext Memory addr bit 9
37				PC 0		Ext Memory addr bit 8
38				PD 7		
39				PG 2		ALE Ext Mem
40				PG 1		RD Ext Mem
41				PG 0		Wr Ext Mem
42				PL 7		
43				PL 6		
44				PL 5		*PWM 5C
45				PL 4		*PWM 5B
46				PL 3		*PWM 5A
47				PL 2		T5 external counter
48				PL 1		ICP T5
49				PL 0		ICP T4
50				PB 3		SPI MISO
51				PB 2		SPI MOSI
52				PB 1		SPI SCK
53				PB 0		SPI SS
54				PF 0	0	
55				PF 1	1	
56				PF 2	2	
57				PF 3	3	
58				PF 4	4	
59				PF 5	5	

60				PF 6	6	
61				PF 7	7	
62				PK 0	8	Pin Int 16
63				PK 1	9	Pin int 17
64				PK 2	10	Pin Int 18
65				PK 3	11	Pin Int 19
66				PK 4	12	Pin Int 20
67				PK 5	13	Pin Int 21
68				PK 6	14	Pin Int 22
69				PK 7	15	Pin Int 23
				Functions not available on Mega		
				PD 4 ICP1		
				PD 6 T1 (external counter)		
				PE 6 T3, Int 6		
				PE 7 Int 7, ICP3		
				PH 7 T4 (external counter)		
				PJ 2 Pin Int 11		
				* functions not implemented on version 0015		
			PWM pins	Timer0	4,13	
				Timer1	11,12	
				Timer2	9,10	
				Timer3	2,3,5	
				Timer4	6,7,8	
				Timer5	none	