Digital Pin	Arduino 168/328			Arduino Mega			to be confirmed
	Port	Analog pin	Usage	Port	Analog Pin	Usage	
0	PD0		USART RX	PE0		USART0 RX, PCINT8	
1	PD1		USART TX	PE1		USART0 TX	
2	PD2		Ext Int 0	PE4		PWM T3B, INT4	external INT Number0
3	PD3		PWM T2B, Ext Int 1	PE5		PWM T3C, INT5	external INT Number1
4	PD4			PG5		PWM T0B	
5	PD5		PWM T0B	PE3		PWM T3A	
6	PD6		PWM T0A	PH3		PWM T4A	
7	PD7			PH4		PWM T4B	
8	PB0		Input Capture	PH5		PWM T4C	
9	PB1		PWM T1A	PH6		PWM T2B	
10	PB2		PWM T1B	PB4		PWM T2A, PCINT4	
11	PB3		PWM T2A, MOSI	PB5		PWM T1A, PCINT5	
12	PB4		MISO	PB6		PWM T1B, PCINT6	
13	PB5		SCK	PB7		PWM T0A, PCINT7	
14	PC0	0		PJ1		USART3 TX, PCINT10	
15	PC1	1		PJ0		USART3 RX, PCINT9	
16	PC2	2		PH1		USART2 TX	
17	PC3	3		PH0		USART2 RX	
18	PC4	4	I2C SDA	PD3		USART1 TX, Ext Int 3	external INT Number5
19	PC5	5	I2C SCL	PD2		USART1 RX, Ext Int 2	external INT Number4
20				PD1		I2C SDA, Ext Int 1	external INT Number3
21				PD0		I2C SCL, Ext Int 0	external INT Number2
22				PA0		Ext Memory addr bit 0	
23				PA1		Ext Memory addr bit 1	
24				PA2		Ext Memory addr bit 2	
25				PA3		Ext Memory addr bit 3	
26				PA4		Ext Memory addr bit 4	
27				PA5		Ext Memory addr bit 5	
28				PA6		Ext Memory addr bit 6	
29				PA7		Ext Memory addr bit 7	
30				PC7		Ext Memory addr bit 15	
31				PC6		Ext Memory addr bit 14	
32				PC5		Ext Memory addr bit 13	
33				PC4		Ext Memory addr bit 12	
34				PC3		Ext Memory addr bit 11	
35				PC2		Ext Memory addr bit 10	
36				PC1		Ext Memory addr bit 9	
37				PC0		Ext Memory addr bit 8	
38				PD7			
39				PG2		ALE Ext Mem	
40				PG1		RD Ext Mem	
41				PG0		Wr Ext Mem	
42				PL7			
43				PL6			
44				PL5		*PWM 5C	
45				PL4		*PWM 5B	
46				PL3		*PWM 5A	
47				PL2		T5 external counter	
48				PL1		ICP T5	

49				PL0		ICP T4	
50				PB3		SPI MISO	**PCINT3**
51				PB2		SPI MOSI	**PCINT2**
52				PB1		SPI SCK	**PCINT1**
53				PB0		SPI SS	**PCINT0**
54				PF0	0		
55				PF1	1		
56				PF2	2		
57				PF3	3		
58				PF4	4		
59				PF5	5		
60				PF6	6		
61				PF7	7		
62				PK0	8	**PCINT16**	
63				PK1	9	**PCINT17**	
64				PK2	10	**PCINT18**	
65				PK3	11	**PCINT19**	
66				PK4	12	**PCINT20**	
67				PK5	13	**PCINT21**	
68				PK6	14	**PCINT22**	
69				PK7	15	**PCINT23**	

Functions not available on Mega

PD4 ICP1

PD6 T1 (external counter)

PE6 T3, Int 6

PE7 Int 7, ICP3

PH7 T4 (external counter)

PJ2 PCINT11

* 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**		