

### ATtiny25/45/85

(RESET/ADC0) PB5	□ 1	8	□ VCC
(XTAL1/ADC3) PB3	□ 2	7	□ PB2 (SCK/ADC1)
(XTAL2/ADC2) PB4	□ 3	6	□ PB1 (MISO)
GND	□ 4	5	□ PB0 (MOSI)

### ISP Header 6-pin

MISO (1)	● ●	(2) VCC
SCK (3)	● ●	(4) MOSI
RESET (5)	● ●	(6) GND

### ATtiny2313

(RESET) PA2	□ 1	20	□ VCC
(RXD) PD0	□ 2	19	□ PB7 (SCL)
(TXD) PD1	□ 3	18	□ PB6 (MISO)
(XTAL2) PA1	□ 4	17	□ PB5 (MOSI)
(XTAL1) PA0	□ 5	16	□ PB4
PD2	□ 6	15	□ PB3
PD3	□ 7	14	□ PB2
PD4	□ 8	13	□ PB1
PD5	□ 9	12	□ PB0
GND	□ 10	11	□ PD6

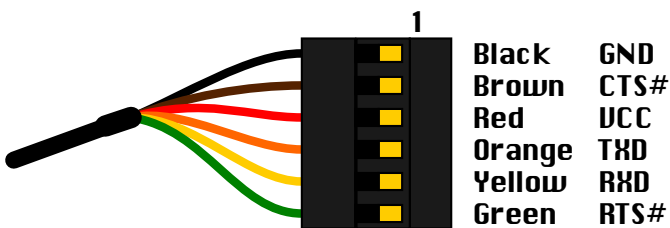
### ISP Header 10-pin

MOSI (1)	● ●	(2) VCC
NC (3)	● ●	(4) GND
RESET (5)	● ●	(6) GND
SCK (7)	● ●	(8) GND
MISO (9)	● ●	(10) GND

### ATmega48/88/168/328 Arduino

reset (RESET) PC6	□ 1	28	□ PC5	analog input 5	
(RX) digital 0 (RXD) PD0	□ 2	27	□ PC4	analog input 4	
(TX) digital 1 (TXD) PD1	□ 3	26	□ PC3	analog input 3	
digital 2	PD2	4	25	□ PC2	analog input 2
(pwm) digital 3	PD3	5	24	□ PC1	analog input 1
digital 4	PD4	6	23	□ PC0	analog input 0
	VCC	7	22	□ GND	
	GND	8	21	□ AREF	
	(XTAL1) PB6	9	20	□ AVCC	
	(XTAL2) PB7	10	19	□ PB5 (SCK)	digital 13
(pwm) digital 5	PD5	11	18	□ PB4 (MISO)	digital 12
(pwm) digital 6	PD6	12	17	□ PB3 (MOSI)	digital 11 (pwm)
digital 7	PD7	13	16	□ PB2	digital 10 (pwm)
digital 8	PB0	14	15	□ PB1	digital 9 (pwm)

### FTDI Cable



### BusPirate I/O Header

MISO (1)	● ●	(2) CS
MOSI (3)	● ●	(4) CLK
AUX1 (5)	● ●	(6) Upu
ADC (7)	● ●	(8) +5V
+3V (9)	● ●	(10) GND