

Mega Pro Mini Pinout Guide	Pin Number (Pin 1 is indicated on the board by a white dot)							
	1	2	3	4	5	6	7	8
	Wire Color if you're using the Mega Pro Mini Wires from the SparkFun site							
	White	Grey	Purple	Blue	Green	Yellow	Orange	Brown
Connector Label	ATMega Pin [Arduino Pin Configuration]							
ADCL	ADC7 [A7]	ADC6 [A6]	ADC5 [A5]	ADC4 [A4]	ADC3 [A3]	ADC2 [A2]	ADC1 [A1]	ADC0 [A0]
ADCH	ADC15 [A15]	ADC14 [A14]	ADC13 [A13]	ADC12 [A12]	ADC11 [A11]	ADC10 [A10]	ADC9 [A9]	ADC8 [A8]
XIOH2	PA0 [22]	PA2 [24]	PA4 [26]	PA6 [28]	PC7 [30]	PC5 [32]	PC3 [34]	PC1 [36]
XIOH1	PC0 [37]	PC2 [35]	PC4 [33]	PC6 [31]	PA7 [29]	PA5 [27]	PA3 [25]	PA1 [23]
POWER	GND	GND	GND	GND	VIN	3.3V	3.3V	RESET
COMM	SCL [21]	SDA [20]	RXD1 [19]	TXD1 [18]	RXD2 [17]	TXD2 [16]	RXD3 [15]	TXD3 [14]
XIOL2	PB1 [52]	PB3 [50]	PL1 [48]	PL3 [46]	PL5 [44]	PL7 [42]	PG1 [40]	PD7 [38]
XIOL1	PB0 [53]	PB2 [51]	PL0 [49]	PL2 [47]	PL4 [45]	PL6 [43]	PG0 [41]	PG2 [39]
PWMH	PH5 [8]	PH6 [9]	PB4 [10]	PB5 [11]	PB6 [12]	PB7 [13]	<i>N/C</i>	AREF
PWML	PE0 [0]	PE1 [1]	PE4 [2]	PE5 [3]	PG5 [4]	PE3 [5]	PH3 [6]	PH4 [7]