

Arduino Comparison Chart, 20080926. Email corrections/updates to jet @ fiatline dot net.  
 This chart is for reference purposes only, check the original documentation before designing any  
 circuits or using any of these components.

Arduino	Form Factor	CPU	Digital I/O	PWM I/O	Analog In	Ext Interrupts	Serial I/O	I2C	SPI	LED	ICSP Header	Power Source	Op Voltage	Input Voltage (rec/limit)	I/O Pin Current	VCC	3.3V	Flash Memory	SRAM	EEPROM	Clock Speed	On/Off Switch	USB	USB Reset	Reset Switch	AREF Pin	RESET Pin	Other/Notes
Diecimila	Diecimila	ATMega168	0-13	3,5,6,9,10,11	0-5	2,3	0,1	4,5	10,11,12,13	13		USB, +9V	5V	7-12 / 6-20	40mA	= Input Voltage	50mA	14Kb + 2Kb bootload	1Kb	512b	16Mhz		USB-B		Y	Y	Y	
Lilypad	Lilypad (sewable)	ATMega168V	0-13	3,5,6,9,10,11	0-5							Pins	3.3V	2.7-5.5 / 2.7-5.5	40mA							N		Y				
Mini	Mini	ATMega168	0-13	3,5,6,9,10,11	0-7								5V	7-9	40mA							N						
Nano	Nano	AtMega168	0-13	3,5,6,9,10,11	0-7	2,3	0,1	4,5	10,11,12,13	13	Y			7-12 / 6-20	40mA								Mini-B	Y	Y	Y	Y	+5V/AREF Jumper, auto-switching power input, power OK LED
Pro	Pro	AtMega168	0-13	3,5,6,9,10,11	0-5	2,3	0,1	4,5	10,11,12,13	13	Y	header, battery, FTDI	3.3v	3.35-12V		= Input Voltage						Y	pins, no jack		Y	Y	Y	Diecimila shield compatible, designed for permanent installations
Pro	Mini	ATMega168	0-13	3,5,6,9,10,11	0-5	2,3	0,1	4,5	10,11,12,13	13		pins, FTDI	3.3V	3.35-12V								N	FTDI holes	Y		Y	mini version of Pro	

Form Factor	Dimensions	width (diameter)	height	weight
Diecimila	length			
Lilypad		50mm	3mm	
Nano	1.70"		.73"	