

	Uno	Uno Ethernet	Mega	Mega ADK	Leonardo	Due
Processor	16MHz Atmega 328	16MHz Atmega 328	16MHz Atmega 2560	16MHz Atmega 2560	16MHz Atmega 32U4	84MHz ARM SAM3X8E
Processor Voltage	5v	5v	5v	5v	5v	3.3v
Supply Voltage	7-12v	7-12v	7-12v	7-12v	7-12v	7-12v
Flash	32Kb	32Kb	256Kb	256Kb	32Kb	512Kb
SRAM	2Kb	2Kb	8Kb	8Kb	2.5Kb	
Digital I/O Pins	14	14	54	54	20*	54
PWM Pins	6	6	14	14	7	12
Analog Inputs	6	6	16	16	12	12
Hardware Serial Ports	1	1	4	4	1	4
Dimensions	2.1"x2.7" 53x75mm	2.1"x2.7" 53x75mm	2.1"x4" 53x102mm	2.1"x4" 53x102mm	2.1"x2.7" 53x75mm	2.1"x4" 53x102mm
Shield Compatibility	Excellent (most will work)	Very Good (some pin conflicts)	Good (some pinout differences)	Good (some pinout differences)	Fair (many Pinout Differences)	Poor (voltage and pinout differences)
Special Features		Ethernet Port		Works with Android	Native USB capabilities	2-channel DAC and Native USB port

Micro	Flora	Boarduino	Menta
16MHz	16MHz	16MHz	16MHz
Atmega 32U4	Atmega 32U4	Atmega 328	Atmega 328
5v	3.3v	5v	5v
5v	3.5-16v	7-12v	7-12v
32Kb	32Kb	32Kb	32Kb
2.5Kb	2.5Kb	2Kb	2Kb
20*	8	14	14
7	4	6	6
12	4	6	6
1	1	1	1
0.7"x1.9" 18x49mm	1.75" dia 44.5mm dia	0.8"x3" 20.5x76mm	0.8"x3" 20.5x76mm
N/A	N/A	N/A	Excellent (most will work)
Native USB capabilities	Sewable Pads Native USB Capabilities	Can build headerless for smaller size	Mint-Tin Size and Prototyping Area