

Final table

		RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price	5	5	4	2
#I/O pins	4	4	3	2
Accessibility	3	1	2	3
Memory	2	3	3	2
Score		50	44	31

1	Equal
3	"Moderately" more important
5	"Strongly" more important
7	"Very strongly" more important
9	"Extremely" more important

Final table

		RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price		\$1.25	\$2.86	\$4.34
#I/O pins		30	27	23
Accessibility		3 options	4 options	6 options
Memory		32	32	16

<https://www.mouser.com> <https://www.digikey.com> [ATMEGA168-20PU Microchip Technology | Integrated Circuits \(ICs\) | DigiKey](#)

	Price	#I/O pins	Accessibility	Memory
Price	1	5	3	3
#I/O pins	0.2	1	5	7
Accessibility	0.3333	0.2	1	3
Memory	0.3333	0.1429	0.3333	1

	Price	#I/O pins	Accessibility	Memory	Mean	Weight
Price	1	5	3	3	2.5900	0.4943
#I/O pins	0.2	1	5	7	1.6266	0.3104
Accessibility	0.3333	0.2	1	3	0.6687	0.1276
Memory	0.3333	0.1429	0.3333	1	0.3549	0.0677

Final table

		RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price	0.49	0.48	0.21	0.31
#I/O pins	0.31	0.38	0.34	0.29
Accessibility	0.13	0.23	0.31	0.46
Memory	0.07	0.40	0.40	0.20
Score		0.41	0.27	0.32

	RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price	\$1.25	\$2.86	\$4.34
#I/O pins	30	27	23
Accessibility	3	4	6
Memory	32	32	16

Alpha	RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price	1.000	0.437	0.659
#I/O pins	0.375	0.338	0.288
Accessibility	0.231	0.308	0.462
Memory	0.400	0.400	0.200

Normalized	RP2040	ATMEGA328P-AU	ATMEGA168-20PU
Price	0.477	0.209	0.314
#I/O pins			
Accessibility			
Memory			