

Group Asisgnment

Student	Israel	Rogelio	Sandra
Item	Value RP2040	Atmega 328p datasheet	SAM D11C
CPU	Dual-core ARM Cortex M0+ processor up to 133MHz	CMOS 8-bit microcontroller based on the AVR enhanced RISC architecture	ARM Cortex-M0+ CPU running at up to 48MHz
Flash Memory	2MB	32KB	16KB
ROM	16kB read-only memory (ROM) is at address 0x00000000	1KB	16 Kb
SRAM	264KB	2KB	4KB
Digital I/O Pins	11	14	6
Analog I/O Pins	4	6	3
PWM Pins	11	7	14
I2C interface	1	1	2. Pins 4 y 5
SPI interface	1	1	2
Interrupts	32 interrupt inputs	25 interrupt sources	32
UART interface	1	1	1
Power supply and downloading interface	Type-C	ISP, through Arduino 1 USB A	USB
Power	3.3V/5V DC	1.8-5.5	1.8-3.3V
Dimensions	20×17.5×3.5mm	7.0*7.0*1.0 mm	45 x 25 x 2mm