

**Research two microcontrollers and provide information about them from their datasheets. There are several microcontroller manufacturers that you can investigate including Atmel, Microchip, Freescale , TI, etc. For each microcontroller, report the following information. (Be sure to include a link to an online reference where you found this information.)**

ATmega32 - RenesasRX

- Clock frequency: 1 MIPS - 240MHz
- Bitwidth of the datapath: 8-bit - 32-bit
- Size of Flash memory: 32KB - 512KB
- Number of pins: 44 - 64
- Analog-to-Digital Converter: 10-bit ADC - 12-bit ADC

<https://www.microchip.com/wwwproducts/en/ATmega32>

<https://www.renesas.com/eu/en/products/microcontrollers-microprocessors/rx/rx700/rx71m.html>

**Research the Arduino and Raspberry Pi platforms.**

1.

- Arduino : None
- Raspberry Pi : Raspbian

2.

- Arduino : None
- Raspberry Pi: Yes