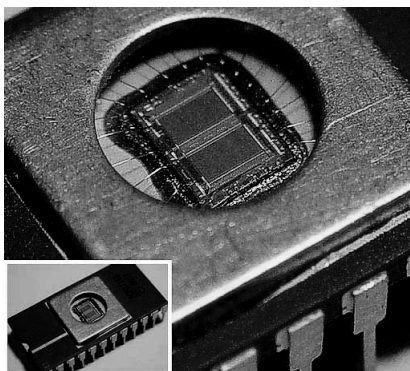### One Time Programmable ROM (OTP ROM)

One time programmable ROM enables you to download a program into it, but, as its name states, one time only. If an error is detected after downloading, the only thing you can do is to download the correct program to another chip.

UV Erasable Programmable ROM (UV EPROM)

Both the manufacturing process and characteristics of this memory are completely identical to OTP ROM. However, the package of the microcontroller with this memory has a recognizable "window" on its top side. It enables data to be erased under strong ultraviolet light. After a few minutes it is possible to download a new program into it.

Installation of this window is very complicated, which normally affects the price. From our point of view, unfortunately- negative...

Flash Memory

This type of memory was invented in the 80s in the laboratories of INTEL and was represented as the successor to the UV EPROM. Since the contents of this memory can be written and cleared practically an unlimited number of times, microcontrollers with Flash ROM are ideal for learning, experimentation and small-scale production. Because of its great popularity, most microcontrollers are manufactured in flash technology today. So, if you are going to buy a microcontroller, the type to look for is definitely Flash!