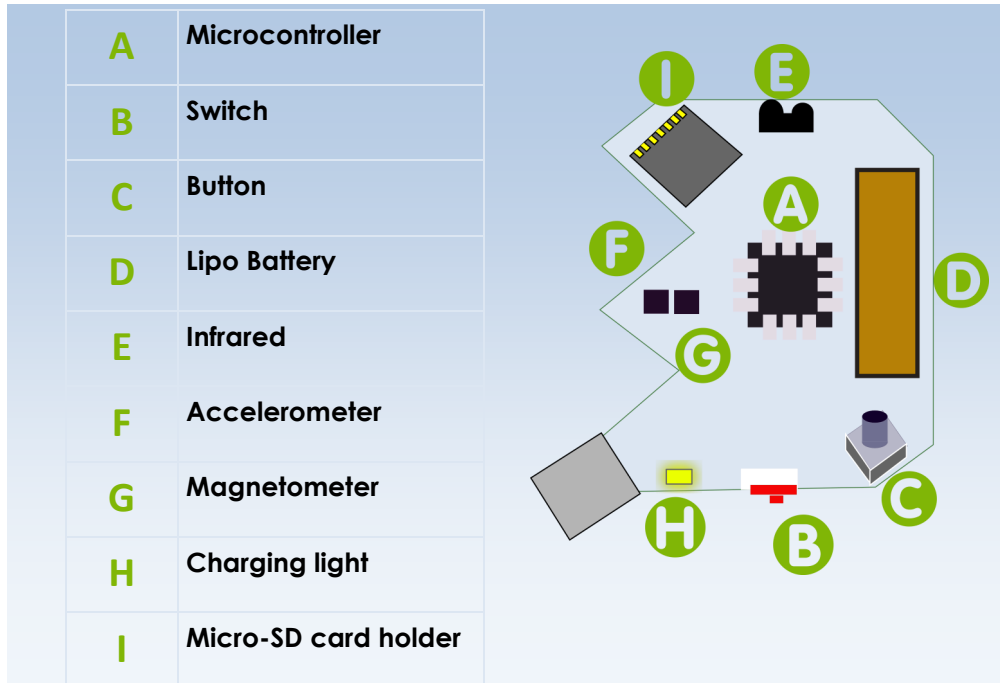


Engduino Overview



A Device Designed for Coding

Engduino is a device, a piece of hardware that is designed such that you can easily upload your code on to it.

It is because we have designed the Engduino based on Arduino Lilypad (which is another device of similar nature). You can use Arduino software, which is based on C, to program the Engduino. You can also use other text-based or graphical based Arduino coding tools with the Engduino too!

On the front of the Engduino, you will find 16 beautiful multi-colour lights, temperature and light sensors, and a small green user light for quick testing.

Elements on Engduino

On the back, you will find the components of the Engduino, batteries, two motion sensors and a micro-SD card holder.

Everything on the Engduino, including the lights, the sensors, the button, infrared and the micro-SD card are programmable. Follow our step-by-step programming guide to create your own program.

You can program the Engduino instruct it to do what you want. Simply plug it into the USB slot of your computer and create your first program ("sketch") to upload to the device. What colour will you make the LEDs light when the heat sensor warms up? How fast will you make them flash? Will they change colour as the temperature changes or as you move it faster?

