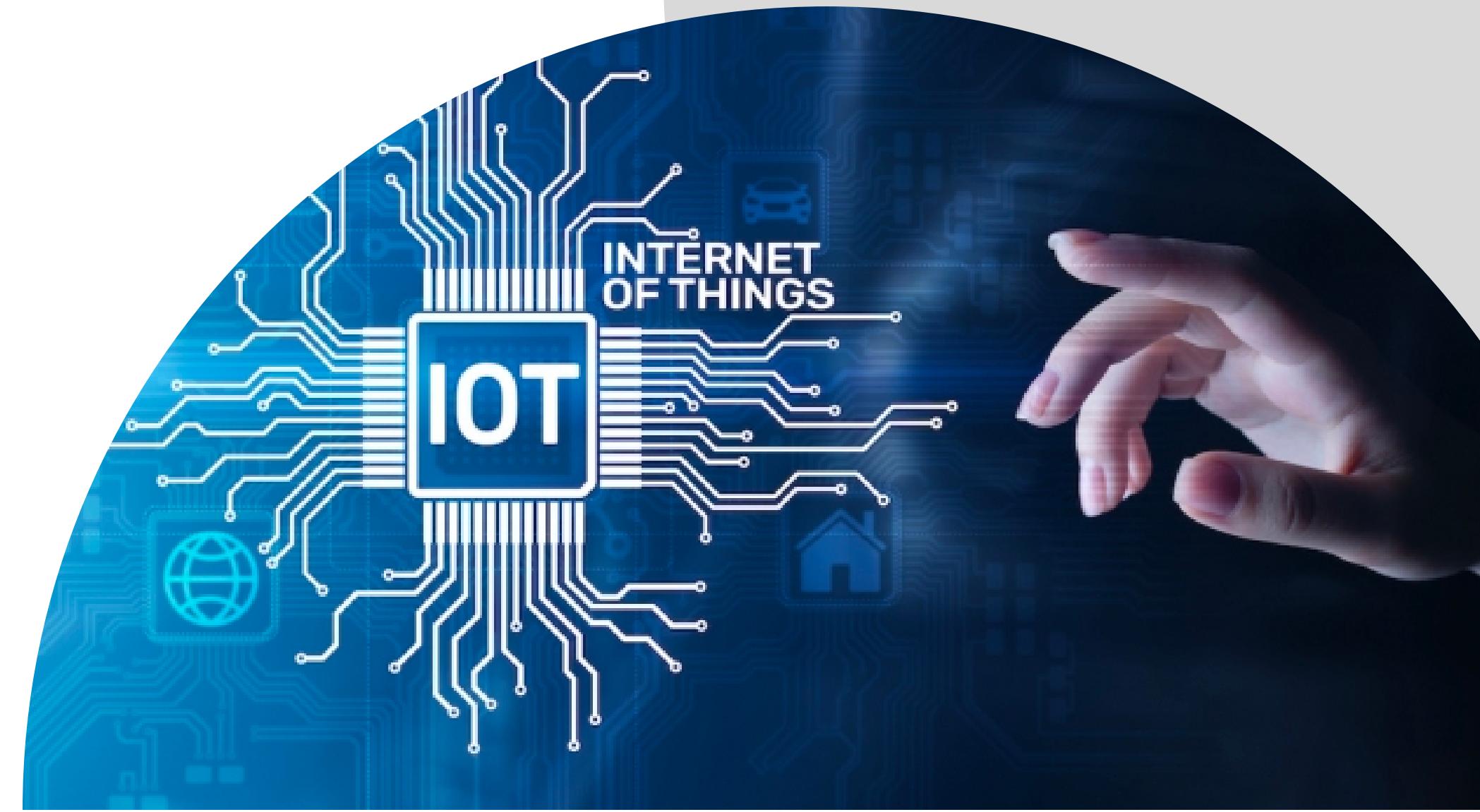


IoT Based Smart Object Detector.



PROJECT ASSOCIATES

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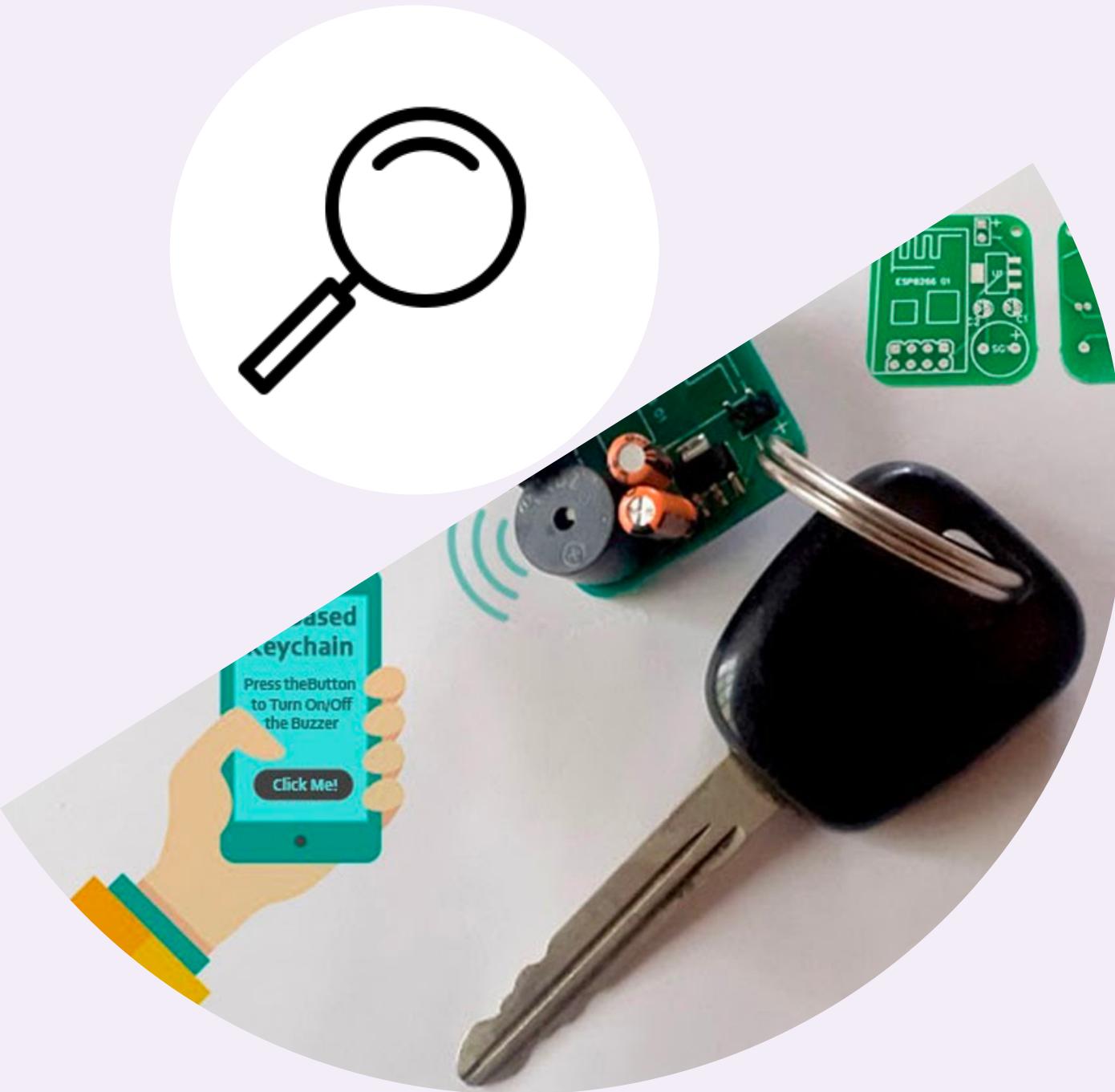
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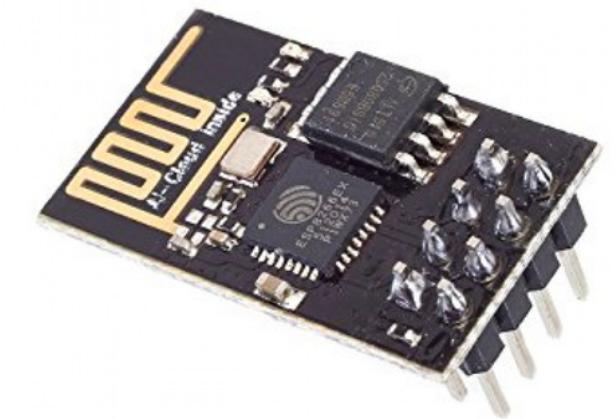
INTRODUCTION



- Many times we misplace our keys and go searching for them everywhere in the house, and after a long search, we end up finding them with much distress.
- Now, the obvious solution here is to place your keys in their right place, we are going to build a simple IoT-based Smart Key Chain just using ESP8266-01, Buzzer, and Battery.
- Now in case if you can't find your keys and you remember that you have attached an IoT keychain to your keys, so you take out your phone and open Chrome and open your Keychain Webpage.
- Then you click on the toggle button, and in moments, you hear a beep sound coming from your keychain and with this, you can easily track your keys.

COMPONENTS REQUIRED

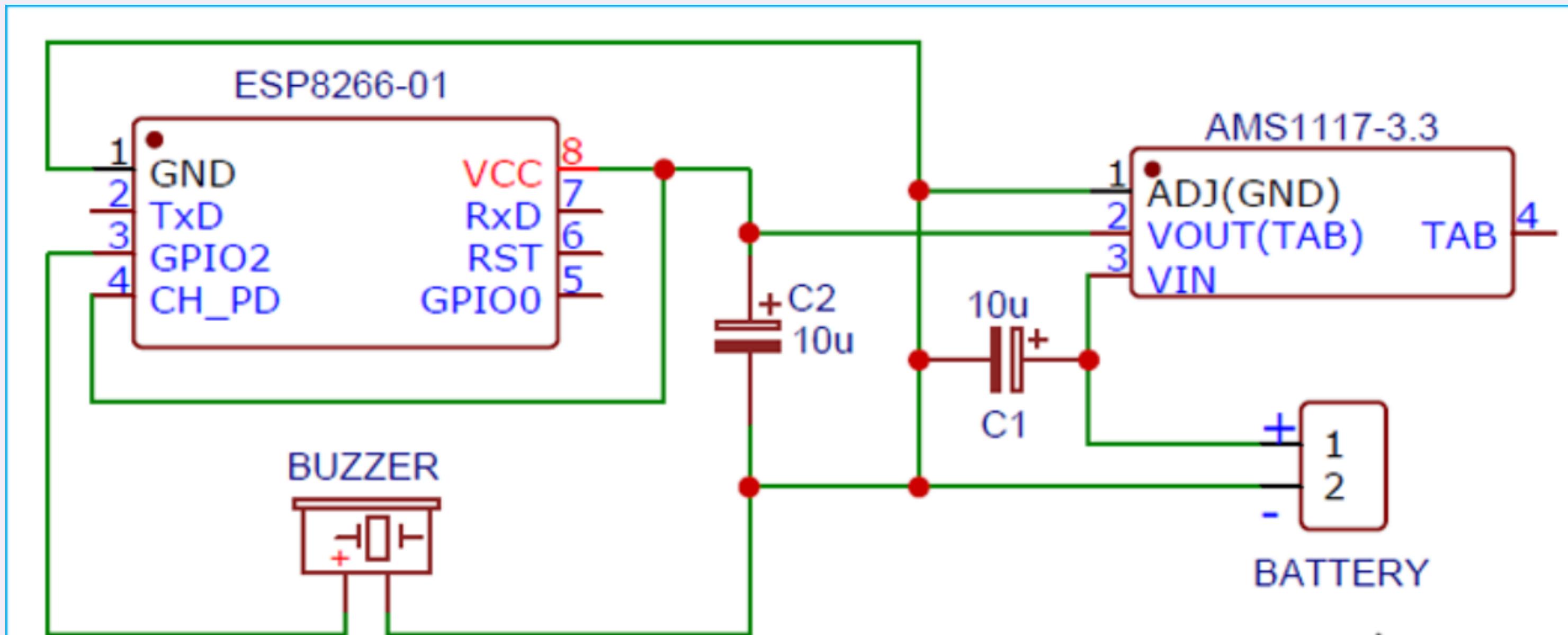
- 1) ESP8266-01
- 2) AMS1117 3.3V VOLTAGE REGULATOR
- 3) BUZZER
- 4) LITHIUM POLYMER BATTERY
- 5) 2× 10MF CAPACITOR

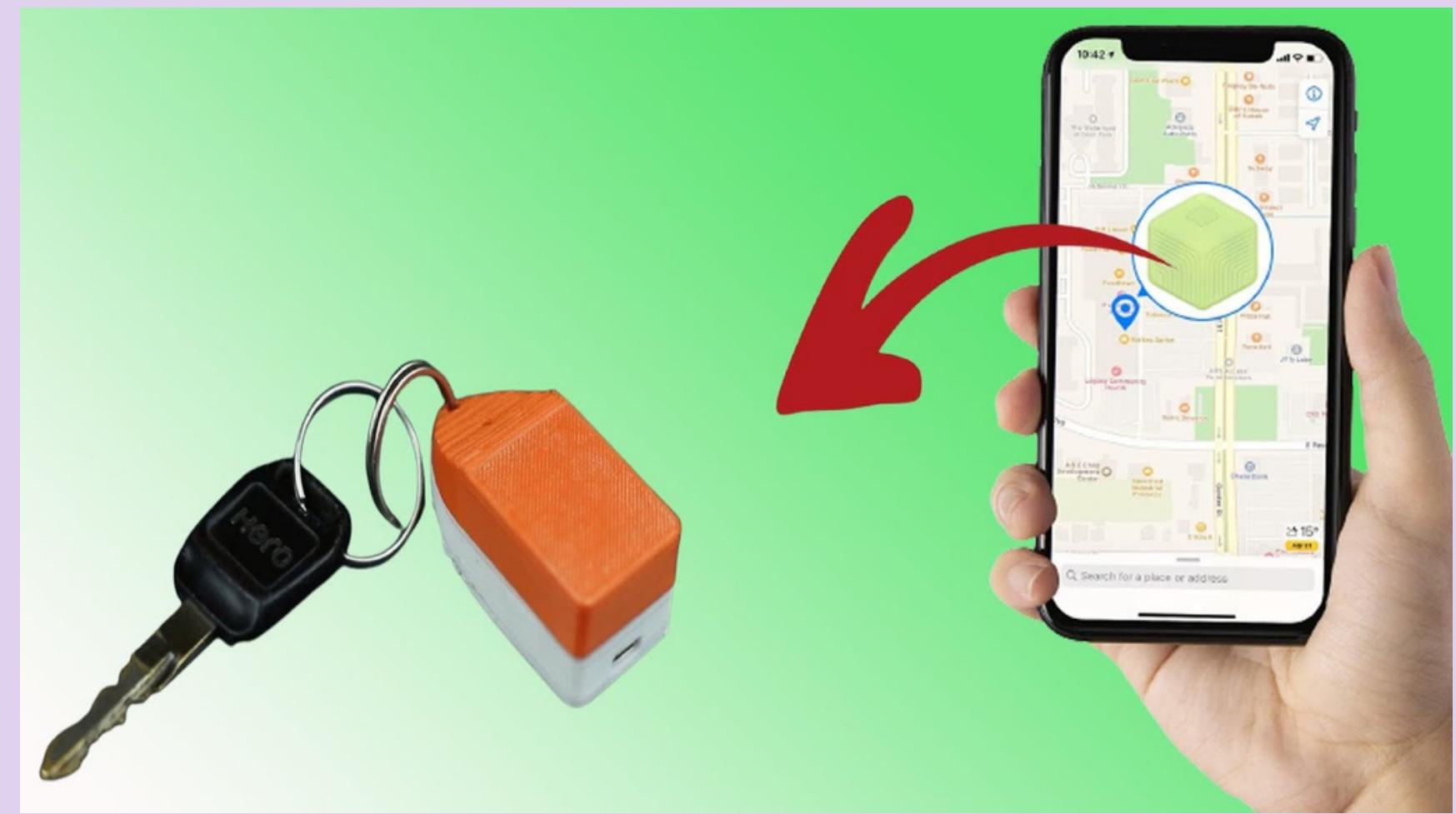
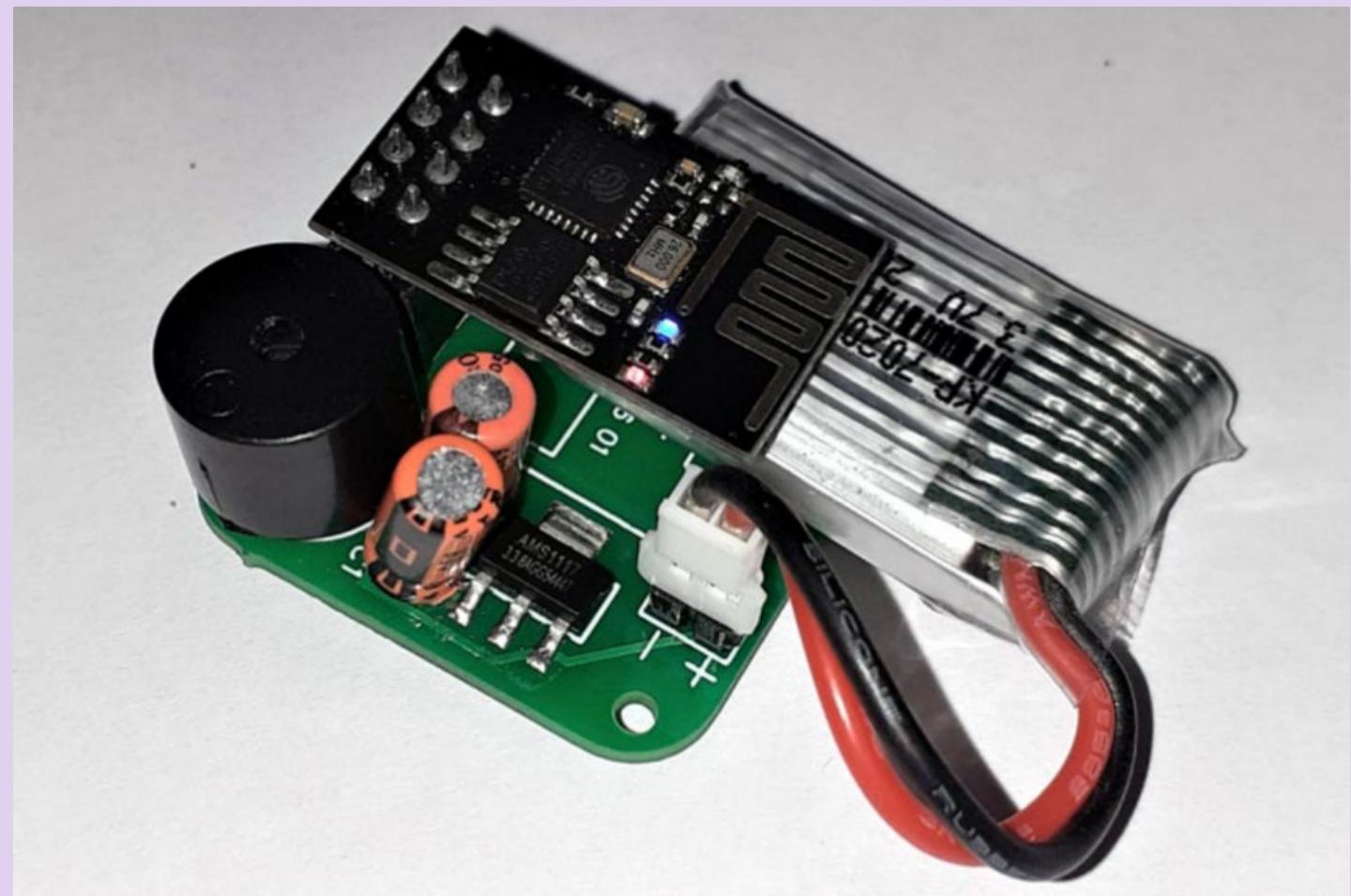


Function of Each Components

- ESP8266 connectivity with internet and as well as controller
- 3.3 volts regulator which maintains constant output voltage of 3.3V.
- Battery is of 3.7 volts having long back up as it is made up of lithium ion,
- Buzzer which gives the alert alaram.
- Capacitor acts as a filter across regulator.

Circuit Diagram





THANK YOU



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