

# SAFE ELECTRICAL SYSTEM



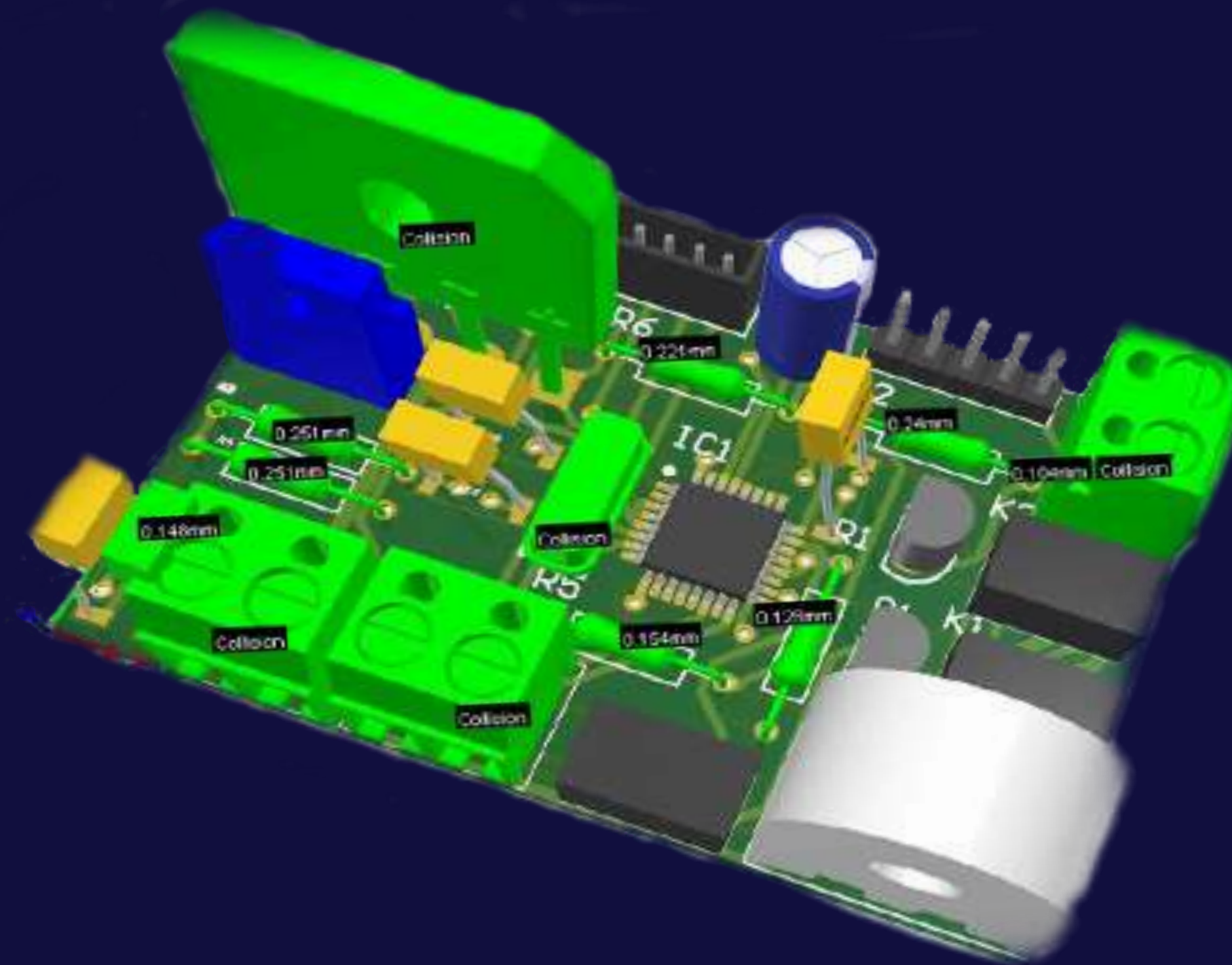
## WHAT?

- Safe electricity is a technique invented to protect human.
- It makes conductive materials found inside the electrical socket differentiate between human and the load.
- Touching a conductive materials, feel no shock.

## How?

- Measuring the voltage and current differences between a saved value and a new one (human body).
- Equal → Isolates electricity.
- Greater → Current passes.

## FINAL APPROACH



By Engineer Samir Rizk