Code&CircuitMind AI   Join Beta

Turn ideas into circuits, code, and simulations

Code&CircuitMind AI converts plain language descriptions into circuit diagrams and ready-to-run microcontroller code — all in your browser.

Try the Live Demo   See how it works

Type what you want to build. We'll wire it up.

```
// AI understanding your intent...
idea: "smart dustbin with ultrasonic + servo on Arduino"
→ components: ultrasonic(HC-SR04), servo(SG90), Arduino UNO
→ outputs: circuit.svg, code.ino
```

circuit.svg   code.ino

How it works

1. Describe

Type your project: "Arduino motion sensor turns on buzzer and LED".

2. Generate

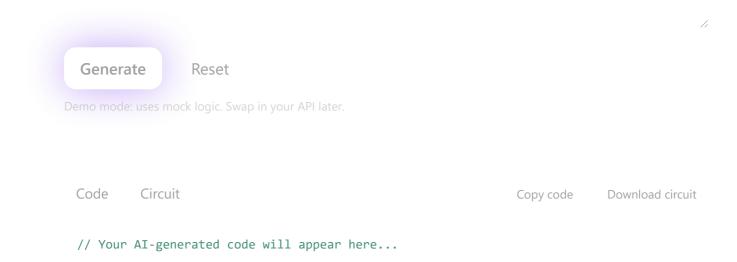Mock AI parses parts, places components, and writes microcontroller code.

3. Simulate

Preview a schematic-like SVG and run a demo in the browser.

Live demo (prototype)

PROJECT PROMPT

e.g. Arduino button toggles LED with 220 ohm resistor & buzzer

Generate   Reset

Demo mode: uses mock logic. Swap in your API later.

Code   Circuit   Copy code   Download circuit

// Your AI-generated code will appear here...

Join the beta

Be first to try real AI-powered generation. Great for students, makers, and labs.

your@email.com   **Request access**

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