

PRODUCT DATASHEET



Reaction Game Solder Kit

333139

Build a portable reflex tester while learning soldering skills with this engaging, progressively challenging reaction game kit.

Full product documentation, files and tutorials: solde.red/333139

CORE ATTRIBUTES

SKU 333139

WEIGHT 25 g

BARCODE 732388664801

DESCRIPTION

Challenge your reflexes while learning how to solder with this competitive reaction game kit. Unlike basic soldering projects, this kit creates an engaging speed-testing game that gets progressively harder, making it perfect for STEM classrooms, competitive learning environments, or anyone who wants to combine skill development with entertainment. Build your own portable reflex tester and discover how fast your reactions really are.

The STM32C0 microcontroller creates an increasingly challenging experience. Each successful reaction reduces your response time window, testing both your reflexes and your ability to stay calm under pressure. This progressive difficulty system makes it ideal for competitive environments, whether you're challenging friends, testing student reflexes in classes, or simply pushing your own limits. The portable battery-powered design with a CR2032 button cell battery means you can take the challenge anywhere.

With this kit, you will solder LEDs, responsive pushbuttons, resistors, a power switch, and a CR2032 battery holder directly onto the PCB. Each component teaches different soldering techniques - from the precision required for resistor placement to the steady hand needed for LED orientation and the mechanical stability needed for button and switch mounting. The clearly marked PCB guides you through each step, making this an introduction to soldering while building practical skills with real electronic components.

What sets this kit apart is its focus on measurable skill improvement. You're not just learning to solder, you're building a tool that quantifies your reflexes and challenges you to improve. The keychain design means your finished project becomes portable, perfect for challenging friends or demonstrating your new electronic skills. Every component teaches different soldering techniques while contributing to an addictive game experience.

The kit consists of:

- PCB • STM32C0 microcontroller
- 4 LEDs • 4 Pushbuttons
- A switch
- 4 resistors 330ohm
- CR2032 battery holder
- Battery CR2032
- Keychain holder

TECHNICAL DETAILS

- SMD components pre-soldered
- Suitable for all ages
- Great for a weekend project

SPECIFICATIONS

ASSEMBLY TIME (MIN)	15 min
IS SOLDER KIT	True

LINKS

Assembly Guide	https://docs.soldered.com/reaction-game/assembly-guide/
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GALLERY

