

## Motherboard Buzzer Mini Onboard Case Speaker for PC Board Beep Alarm



### Specification

#### Description

The **Motherboard Alarm Buzzer Mini Onboard Case Speaker** is a small but essential component commonly found on computer motherboards. This *Indicator buzzer* helps deliver clear audible alerts whenever the system needs to communicate status or errors.

#### Here's a breakdown of its features and functions:

**Buzzer/Mini Speaker:** This component serves as an audible alert system for your computer. It is often referred to as a "buzzer" or "mini speaker" because of its small size and its ability to produce sound alerts reliably.

**Onboard Installation:** The **Alarm Buzzer** is typically mounted directly onto the computer motherboard. Therefore, it is often soldered onto designated pins or connectors intended for audio alerts.

**PC Board Beep Alarm:** It is primarily used to emit audible alerts, commonly known as "beeps," to indicate various system statuses, hardware initialization, or error conditions. These beeps can also help confirm successful boot processes.

**Diagnostic Tool:** Acting as an effective diagnostic tool, the buzzer provides different beep patterns or sequences that indicate specific issues or errors encountered by the system. As a result, technicians can quickly interpret these beep codes to troubleshoot hardware problems.

**Case Speaker:** In some cases, the *Indicator buzzer* may be housed inside the computer case. This positioning ensures that audible alerts are clearly heard, even when the case is closed.

**Universal Compatibility:** This buzzer is a standard component included on most desktop computer motherboards, regardless of the model or manufacturer. Moreover, it is compatible with various operating systems and hardware configurations.

#### **Low-Cost Solution:**

The **Alarm Buzzer** is a simple and cost-effective solution for delivering audible alerts in computer systems. Thanks to its compact size and straightforward design, it remains an essential part of system diagnostics and troubleshooting.

#### **Features**

- Material: Plastic and Metal
- Use: When you power on the computer, you will hear the familiar "beep" sound, which usually indicates that the system is operating normally.
- The red wire is positive and the black wire is negative (although polarity is not critical, as long as the interface is correctly connected to the speaker header).

#### **Board Alarm Tone Description**

- 1 short: The system starts properly, indicating no problems.
- 2 short: General error; please enter CMOS Setup and reset incorrect options.
- 1 long 1 short: RAM or motherboard error; try reseating the memory or replacing the motherboard.
- 1 long 2 short: Monitor or display card error.
- 1 long 3 short: Keyboard controller error; check the motherboard.

- 1 long 9 short: Board FLASH RAM or EPROM error; try replacing the Flash RAM.
- Continuous long beeps: Memory is not seated or is damaged; reinsert the memory or replace it.
- It keeps ringing: Check power supply, display, and graphics card connections.
- Repeat short rings: Power problems.
- No sound, no display: Power problems.

**Package Includes**

- 1 x Motherboard Alarm Buzzer Mini Onboard Case Speaker for PC Board Beep Alarm