AUDIO

5V Active Buzzer (Small, 12mm)

A small 5 V active buzzer with a built-in oscillator. Apply DC power and it beeps, so no tone code is needed. It's perfect for alarms, alerts, button feedback and timers.



Key Features

- Beeps from a plain DC signal (built-in oscillator)
- 5 V operation
- Polarised, with the + leg marked
- Compact 12 mm body

Technical Specifications

Rated voltage	5 V DC
Operating range	approx. 3.5–5.5 V
Current	< 30 mA
Frequency	approx. 2.3 kHz (fixed)
Sound level	≥ 85 dB at 10 cm

Pinout / Connections

Long leg (+)	Signal / 5 V
Short leg (−)	GND

Typical Applications

- Alarms and alerts
- Keypad and button beeps
- Timer and reminder projects
- Security systems

Usage Notes & Safety

! Active buzzer: digitalWrite(pin, HIGH) makes it beep. tone() isn't needed.

! To tell it apart from a passive buzzer, active buzzers usually have a sealed back and beep on plain DC.

! Peel off the top sticker for a louder sound.