



ISL Products International Ltd.

Manufacturers of Value-Added Components

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Audio Component Selection Tool

The list below will help ISL Products understand your audio application requirements. We use the information that you provide to help offer the best solution for your application.

For additional help, please contact your [Local Rep](#) or email ISL Products at info@islproducts.com. You can also upload relevant specs and enter this information electronically via our website [Inquiry Form](#).

Audio Specs

Component Type: What type of audio component are you inquiring about?

Voltage (V): What voltage do you intend to operate your device at?

Power (W): What are your wattage requirements? *Rated & Max.*

Impedance (Ω): What is the impedance?

Frequency (Hz): What frequency range do you intend to operate your device at?

Resonant Frequency (Hz): What is your desired resonant frequency?

Sound Pressure Level (dB): What are your S.P.L requirements? *Measured @ 10cm*

Tone: Do you need a continuous alarm, an intermittent beep or something else?

Application Requirements

Shape: Will you need the audio component to be round, oblong or square?

Cone Material: Will you need your cone material to be paper, Mylar or even flame retardant?

Mounting Style: Do you need pin leads, SMT style or a bracket for mounting?

Package Size: Is there a size restriction or footprint you need to meet within your application?

Termination Style: Do you need lead wires, solder pads, connectors or terminals?

Agency Approvals: Are there any agency approvals your application must meet—UL, CE, RoHS, CSA or others?

IP Rating: Will the audio component need protection from the elements, harsh environment—dust and water?

Environmental: What are the temperature, humidity and vibration conditions in the components environment?