

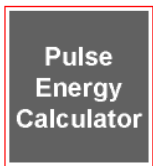


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Vishay's JouleWizard Combines Pulse Tools for Current Sense and Wirewound Resistor in One Convenient Location

Vishay has combined its pulse tools for current sense and wirewound resistors in one convenient location: [JouleWizard](#). With JouleWizard, designers have quick access to the tools they need to determine the pulse energy of a waveform, search for pulse-capable products, and view pulse capability curves. In addition, links to useful resources will help them understand the dimensions that affect pulse performance.



Determine
the energy content
of a waveform



Identify
products to meet the
pulse requirements
determined by the
waveform



Chart
the product specific capability over a wide range of time



Key Tools

- **Pulse Energy Calculator** – Enables designers to select from multiple waveforms to calculate the energy content of the wave to determine the pulse requirements of the product
- **Pulse Product Selector** – Designers can use the output of the Pulse Energy Calculator to identify a product that will meet their energy requirements, as well as derate for ambient temperature conditions
- **Chart** – Once designers have identified a product, the Chart tools will help them determine the pulse capability of a specific resistance value based on pulse duration

Useful Links

- 12 Things to Know
<http://www.vishay.com/doc?48516>
- Pulse Handling Capabilities in Wirewound Resistors
<http://www.vishay.com/doc?49076>

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