

Taiwan Semiconductor YouTube Video Addresses Rectifier Package Selection Criteria

Webinar is latest addition to the Taiwan Semiconductor Global YouTube Channel

Brea, CA—June 15, 2022—[Taiwan Semiconductor](#), a global supplier of discrete power electronics devices, LED drivers, analog ICs and ESD protection devices, announces the availability of a new “[Rectifier](#)



[Technology Update](#)” webinar as the latest addition to its growing YouTube Channel catalog. The webinar reviews the extensive array of packages available for this most basic of semiconductor devices and the selection criteria including package footprint and height, transient thermal impedance and thermal resistance. Added issues discussed include PCB costs, soldering techniques, power density and power dissipation. The 60-minute webinar also discusses

Schottky diodes and reliability considerations.

[Taiwan Semiconductor’s Global YouTube Channel](#) is designed to provide informative videos addressing issues and concerns of power electronics system designers. The catalog of available videos includes the following instructional videos:

- How Do New Surge Ratings Help Miniaturization?
- New Developments in Rectifier Diodes
- Thermal Runaway on Schottky Diodes
- ESD Product Technology and Selection
- Cross-Referencing Rectifiers
- Latest Developments in Fast Efficient Rectifiers

In addition, the YouTube Channel includes videos that provide important design details for specific Taiwan Semiconductor products:

- AEC-Q101 Linear Constant Current Regulated LED Drivers
- Single Channel Dimmable LED Controller for Automotive Headlights
- Design Details for the TS19503 LED Driver
- Linear Constant Current LED Driver Selection

“YouTube has taken a prominent place in providing clarity to the issues facing electronics design engineers,” said Vice President, TSC Products, Sam Wang. “By making our ongoing series of informative webinars available on our dedicated Global YouTube Channel, we aim to keep our customers up to date on the latest information. We most cordially invite everyone in the power electronics design community to go to this [link and subscribe](#).”

About Taiwan Semiconductor (TSC).

Recognized for more than 40 years for its core competence in discrete power rectifiers, Taiwan Semiconductor’s expanded product portfolio provides a complete solution from one source: including trench Schottky’s, MOSFETs, power transistors, LED driver ICs, analog ICs and ESD protection devices. A global enterprise with 2,000 over employees, TSC’s production facilities in China and Taiwan are fully compliant with current automotive and environmental standards such as IATF16949, ISO9001 and ISO14001. Taiwan Semiconductor products are used in a vast array of applications in the electronics industry including automotive, computer, consumer, industrial, telecom and photovoltaic. Through strategic expansion of innovative manufacturing capabilities and its focus on pioneering efficient semiconductor solutions, TSC is the right choice for a successful and lasting business relationship.

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