



New Product Announcement

Now at Mouser: TE Connectivity's OSFP I/O Connectors Support 400GbE Data Center Applications

January 16, 2018 – [Mouser Electronics](#), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [OSFP input/output \(I/O\) connectors](#) from [TE Connectivity](#) (TE), a world leader in connectivity and sensors. TE's next-generation octal small form-factor pluggable (OSFP) connectors are designed for maximum thermal and electrical performance in [data center](#) applications.

[TE's OSFP connectors](#), available from Mouser Electronics, deliver 400 Gigabit Ethernet (400GbE) speeds over eight electrical lanes to support equipment that operates at up to 56 gigabits per second (Gbps) PAM-4 and 28 Gbps NRZ. The SMT connectors offer a 60-position interface with a two-row design on a proven 0.6 mm contact pitch. Offering low PCB cost and noise, the SMT connectors are belly-to-belly capable with in-ground alignment.

OSFP cage assemblies feature a flat rock PCB assembly and support 1x1 and 1x4 single-port and multi-port applications. The stainless steel cage includes tuned airflow venting, ensuring ideal system airflow and supporting module cooling. The cage assemblies also feature EMI containment at both the bezel and port opening, and both the cages and surface mount connectors feature copper alloy contacts.

TE's OSFP connectors are suitable for a variety of data communications applications, including routers, servers, network switches, and interface cards.

To learn more, visit www.mouser.com/te-osfp-io-connectors.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About TE Connectivity

TE Connectivity Ltd. is a \$14 billion global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, TE's connectivity and sensor solutions, proven in the harshest environments, have enabled advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. With 80,000 employees, including more than 8,000 engineers, working alongside customers in approximately 140 countries, TE ensures that **EVERY CONNECTION COUNTS**. Learn more at www.te.com.

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