

New Product Introduction

January - March 2025



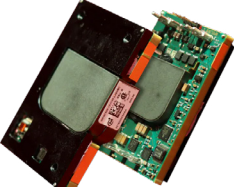
The IP&E
Specialist

New Product Introduction

New Products at TTI, Inc. - Europe!

We are pleased to introduce the latest catalog of new products added to TTI's broad inventory. Our commitment to excellence remains unwavering, and we take pride in presenting a selection of products that exemplify the highest standards of quality, performance and dependability. Tailored to meet diverse requirements across sectors such as Transportation, Industrial or Defense-Aerospace-Space, our meticulously curated range stands ready to serve your needs.

January 2025

			
<p>TV μCom-10Gb+ Ethernet Connector</p>	<p>SM91808AL BMS Planar Transformer</p>	<p>CSNV700 Flux Gate Current Sensors</p>	<p>MKJ NETT WARRIOR Series</p>
<ul style="list-style-type: none"> • Cat.6A connector according to TIA568C.2 and ISO/IEC11801 standard • 10Gb+: exceeds 10Gb/s Ethernet following IEEE 802.3an-2006: 10GBase-T 	<ul style="list-style-type: none"> • AEC-Q200 compliant • Planar technology primarily for BMS next-generation signal applications • Low-profile design 	<ul style="list-style-type: none"> • High accuracy and low-temperature drift • CAN bus digital output with configurable ID • Easy system integration using CAN communication 	<ul style="list-style-type: none"> • 1-130 contact arrangements with voltage up to 1800 VAC and 5-23 Amp Options • Available in rear-release crimp, PC tail or solder cup contacts
			
			
<p>FHZS200 Sealed ZCASE® Fuse Holder</p>	<p>MPQ1500 1500W DC-DC Converters</p>	<p>PE47xxL1Q High Surge ESD Protection</p>	<p>SiC674 55A VRPower® Integrated Power Stage</p>
<ul style="list-style-type: none"> • Robust sealing system with cover seals, individual cable seals, and blind caps on I/O cables • IP67 and IP69K ratings ensure protection against water, dust, and environmental factors, making it suitable for challenging conditions 	<ul style="list-style-type: none"> • Quarter-brick package with baseplate • 1500W POUT can replace 1/2 bricks with smaller footprint and higher efficiency • PMBus 1.2 interface (optional) • Black box stored data • Power-good signal 	<ul style="list-style-type: none"> • ESD per IEC61000-4-2 • 40A (5/50ns) EFT per IEC61000-4-4 • 19A to 100A (8/20μs) lightning range per IEC61000-4-5 • Low clamping voltage 	<ul style="list-style-type: none"> • Thermally enhanced PowerPAK® MLP55-31L package • TrenchFET technology and low-side MOSFET with integrated Schottky diode
			

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February 2025

	 <i>Powering Business Worldwide</i>		
<p>PFS35 Riedon™ Thick Film Resistors</p>	<p>HCM1AV2 Automotive High-Current Power Inductors</p>	<p>IP20 T1 Industrial Single-Pair Ethernet (SPE) Connectors</p>	<p>Taranis - Smart Power Connector</p>
<ul style="list-style-type: none"> • 0.01Ω to 51KΩ resistance range • 35W power rating (with heat sink) • ±1% or ±5% resistance tolerances 	<ul style="list-style-type: none"> • AEC-Q200 qualified • Capacity to carry high current • Magnetically shielded, low EMI • DC-DC converter applications up to 1MHz 	<ul style="list-style-type: none"> • Improved performance over one single twisted pair of wires • Simplified networks, eliminated gateways • Industry standard acc. IEC 63171-6 	<ul style="list-style-type: none"> • 100% 360° shielded lines • Cable ground continuity to frame • Operating range: 900 V / 115 A at 25,000 feet
			
	 <i>The DNA of tech.</i>	 <i>The DNA of tech.</i>	
<p>MPA.257.A WiFi® Antenna</p>	<p>PowerPAK® 1212-MOSFETs</p>	<p>VOFD341A IGBT and MOSFET Drivers</p>	<p>T581 MIL-PRF-32700 Polymer Capacitor</p>
<ul style="list-style-type: none"> • WiFi® tri-band SMD stamp metal PIFA antenna • Covers 2.4GHz, 5.8GHz, and 7.125GHz frequency bands • Lightweight, durable, and robust construction 	<ul style="list-style-type: none"> • Ideal for switching applications • Die-on resistance of approximately 1mΩ, can handle up to 85A • Ultra-low thermal impedance in a compact design 	<ul style="list-style-type: none"> • 3A high peak output currents • 25mA forward current • Rail-to-rail output stage • 200ns maximum propagation delay 	<ul style="list-style-type: none"> • Product level X, Y, and Z available • Qualified to MIL-PRF-32700/1 and /2 • 100% accelerated steady state aging
			

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Amphenol	Honeywell	Littelfuse®	OMRON
<p>HC Series</p>	<p>BES LITE and BES Sensors</p>	<p>NANO 871 Series High-Current SMD Fuses</p>	<p>G3VM S-VSON(L) High Voltage Drive Type</p>
<ul style="list-style-type: none"> • Colored Body and Enhanced Rib to Blind Mating • Up to IP68 Protection (mated) • Scalable Pin Count Per Specific Requirement 	<ul style="list-style-type: none"> • Early Detection • Timely Alerts • Selective Sensitivity • Space-Saving Design 	<ul style="list-style-type: none"> • UL 94V-0 flammability-rated, heat-resistant plastic body • Low voltage drop • High-reliability solderless fuse 	<ul style="list-style-type: none"> • Single- and dual-contact models available with both NO and NC contacts • ON-resistance as low as 5mΩ (typical)
			
 <p>AUTHORIZED DISTRIBUTOR</p>	 <p>The DNA of tech.</p>	 <p>The DNA of tech.</p>	
<p>DisplayPort 2.1 Connectors</p>	<p>Drum Core Power Inductors</p>	<p>Capacitive Isolation Amplifier VIAx series</p>	
<ul style="list-style-type: none"> • Up to 80 Gbps bandwidth • Close to 2X the speed of HDMI 2.1 • Current rating: 0.5 Amps 	<ul style="list-style-type: none"> • Shielded or semi-shielded construction • Wide range of options • 220nH to 1.2mH inductance range 	<ul style="list-style-type: none"> • Reinforced Isolation • Inbuilt Common-mode over voltage detection • Wide bandwidth 	
			



The IP&E Specialist

Contact TTI today to see what a true specialist can offer.

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