



Transportation Business Unit

Line Card

www.ttiasia.com



The Global Specialist in Electronic Component Distribution

TTI Asia's Transportation Business Unit

TTI's Transportation Business Unit (TBU) is a dedicated team with a mission to meet and exceed the unique needs of the Automotive and Transportation OEMs, Cable and Wiring Harness manufactures and the associated tiered supply chain. We can support you throughout the entire life cycle of your products, from design and prototype to production, allowing you to reduce your time to market.

The TBU group is able to call upon the technical resources, experience, and logistics excellence that have made TTI the world's leading specialist in passive, interconnect, discrete, relay & switch components. TTI has a global team of specialists with more product expertise and knowledge than any other distributor.

TTI's Transportation Business Unit serves across all areas of the Automotive and Transportation markets including:

- ◆ Automotive Passenger Vehicles
- ◆ Commercial Vehicles - Heavy and Light Trucks
- ◆ Electric Motorized Vehicles
- ◆ Mass Transit / Rail
- ◆ Construction Vehicles and Equipment
- ◆ Agricultural Equipment
- ◆ Recreational Vehicles
- ◆ Marine

Why Buy from TTI?

Product Knowledgeable Experts

TTI has a team of specialists with more product experience and knowledge than any other distributor. All TTI employees participate in company-wide training programs, plus every one of our sales branches has a team of product managers on-site to provide the extra support that customers need. Through the years these exceptional specialists have become, and remained, the most knowledgeable in the electronic component industry.

Broader and Deeper Inventories

TTI maintains extensive inventories by stocking more than 500,000 parts with over 80% available for immediate delivery. That's more interconnect, passive, electro-mechanical, and discrete parts than from any other source. We remain committed to breadth and depth of inventory, ensuring availability of C and D class parts as well as commodity parts.

Leading Edge Technology Products

The manufacturers TTI partners with, are the companies that lead the industry in new component technologies. For customers, this means that TTI enlists the help of the manufacturers who can help solve any design challenge. Our product groups also focus on new product introductions to ensure we have the very latest and most technologically-advanced products readily available from stock.

Value Added Logistic Services

From technical application advice to customized logistical solutions; TTI can add value throughout the supply chain by reducing acquisition costs, improving material flow through forecast analysis, provide safety stock and reduce receipt handling through consolidated shipments. These are just some areas that TTI can review with your company to streamline your internal supply chain and help reduce hidden material costs.

Global Distribution Centers

TTI has more than 1.3 million square feet of automated warehousing in North America, Europe, and Asia. All are linked into a global warehouse management system that provides superior customer service and overall business efficiencies. Wherever you are in the world, TTI can support you.

Quality and Reliability

TTI has a passion for excellence, and after 40 years experience our on-time delivery and quality levels are the best in class. TTI implemented Total Quality Management in 1989 and have been ISO registered since 1993, we were the first distributor to have all of our global warehouse locations ISO registered and have since upgraded to ISO9001:2008. TTI has one global documentation system that ensures that every TTI branch and warehouse in the world follow the same processes. Year after year, customers rate our quality and management practices to be among the very best in the industry. This is especially important when the products are the typical high mix, low value parts on which we have built our reputation.

For more information contact:
FeedbackTTIAsia@ttiinc.com

The Specialist Distributor for Hybrid/ Electric Vehicle Components

NEED TO:

- Reduce Vehicle Weight?
- Reduce the Size of Your Components?
- Need Protection & Safety in High Voltage Applications?
- Need Reliability & Durability?
- Need Battery Management Solutions?
- Need Powertrain Electronics?
- Need a Charging Solution?

TTI has an extensive broad range of components to offer you from:

CONNECTORS:

- High Power Connectors Shielded/Unshielded
- High Voltage/High Vibration Connectors for Invertors and Motors
- High Voltage Accessories
- Modular Interface Solutions
- Battery Pack Connectors
- Charging System Products

RELAYS, SWITCHES, SENSORS:

- Small Sealed High Voltage Relays
- Automotive Switches
- Sub-Miniature Hall Effect Position Sensors

CAPACITORS AND CIRCUIT PROTECTION:

- DC Link Capacitors/Power Film Capacitors
- High Temperature, High Capacitance, and High Voltage Capacitor Solutions
- ESD Supression, PPTC, TVS Diodes and Fuses



THE SPECIALIST

Authorized Distributor of These Manufacturers and Their Brands



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CAPACITORS		RESISTORS																	
RESISTORS		CAPACITORS																	
CAPACITORS		POTENTIOMETERS & TRIMMERS																	
POTENTIOMETERS & TRIMMERS		RESISTORS																	
RESISTORS		CAPACITORS																	
Aluminum		◆			◆	◆		◆		◆	◆							◆	◆
Ceramic	◆	◆			◆		◆											◆	◆
EDLC		◆		◆	◆			◆	◆									◆	◆
Film	◆	◆			◆	◆		◆										◆	◆
Mica					◆														
Tantalum		◆					◆												◆
Precision/Panel Control			◆			◆				◆	◆							◆	◆
Sensor/Encoder			◆			◆		◆										◆	◆
Trimmers			◆			◆		◆	◆									◆	◆
Carbon							◆		◆									◆	◆
Current Sense			◆				◆		◆									◆	◆
Film			◆				◆		◆									◆	◆
Network			◆				◆		◆		◆							◆	◆
Power/Wirewound			◆				◆		◆									◆	◆



CIRCUIT PROTECTION		ELECTROMAGNETIC FILTERS																		
ELECTROMAGNETIC FILTERS		TIMING DEVICES																		
TIMING DEVICES		CIRCUIT PROTECTION																		
CIRCUIT PROTECTION		ELECTROMAGNETIC FILTERS																		
ELECTROMAGNETIC FILTERS		TIMING DEVICES																		
ESD Suppression																				
Fuses			◆	◆	◆			◆	◆		◆									◆
Gas Discharge (GDT)																				
PPTC (Resettable Fuses)																				
Thermal Cutoffs																				
Thermistor (NTC & PTC)			◆	◆				◆	◆	◆	◆									◆
Thyristors																				
TVS Diodes			◆	◆	◆															◆
Varistors			◆	◆	◆			◆	◆		◆									◆
Coils		◆	◆	◆	◆						◆								◆	◆
Common Mode Chokes		◆	◆	◆	◆						◆								◆	◆
Ferrites		◆	◆	◆	◆						◆								◆	◆
Inductors		◆	◆	◆	◆						◆								◆	◆
Transformers		◆	◆	◆	◆						◆								◆	◆
EMI/RFI			◆	◆																◆
RF/Microwave			◆	◆																◆
Crystals			◆	◆																◆
Oscillators			◆	◆																◆
Piezo Sound Devices																				
Resonators			◆																	



CONNECTORS

	3M	Amphenol	API Technologies (Spectrum Control)	Aptiv	AVX - Elco	Esterline (Souriau)	Fargo	FCI	Glenair	Harwin	KOSTAL	Molex	Phoenix Contact	PKC Group	Preci-Dip	Smiths Interconnect	Souriau	TE Connectivity	
APPLICATIONS																			
Agricultural		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆
Automotive		◆		◆	◆		◆	◆		◆	◆	◆	◆	◆					◆
Commercial Vehicles		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆
Construction		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆
Marine		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆
Mass Transit		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆		◆	◆
Recreational Vehicles		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆
INTERCONNECTS																			
Backplane	◆	◆			◆			◆				◆							◆
Backshells	◆	◆		◆	◆			◆	◆			◆							◆
Board-to-Board	◆	◆		◆	◆			◆		◆		◆							◆
Circular		◆		◆		◆		◆	◆	◆		◆	◆						◆
Contacts		◆		◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Device-to-Board	◆	◆		◆	◆			◆	◆	◆		◆							◆
Input / Output	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆					◆
Memory Card	◆	◆			◆			◆				◆							◆
RF / Coax / Microwave		◆										◆				◆			◆
Solderless Terminals	◆			◆				◆			◆		◆						◆
Specialty	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆					◆
Terminal Blocks		◆						◆				◆	◆	◆					◆
Tooling	◆	◆	◆	◆	◆	◆		◆	◆			◆	◆						◆
USB	◆	◆		◆									◆						◆
Wire & Cable	◆	◆										◆							◆
Wire Management	◆			◆				◆						◆					◆
Wire-to-Board	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆					◆
Wire-to-Wire	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆					◆



DISCRETES

	AVX	Bourns	Littelfuse/Teccor	Murata(MPS)	Panasonic	ROHM Semiconductor	TT Electronics	Vishay
Diodes	◆	◆	◆		◆	◆	◆	◆
IGBTs			◆			◆	◆	◆
MOSFETs					◆	◆	◆	◆
Optoelectronics			◆	◆		◆	◆	◆
Rectifiers		◆	◆			◆	◆	◆
Thyristors			◆					◆
Transistors		◆	◆		◆	◆	◆	

ELECTRO-MECHANICAL

RELAYS

	AVX	Bourns	C&K Components	Carling Technologies	Hamlin(Littelfuse)	Honeywell S & C	KEMET	KOA	Littelfuse	Murate	Omron	Panasonic	Phoenix Contact	ROHM Semiconductor	TDK/EPCOS	TE Connectivity	TT Electronics	VisRay
Automotive							◆				◆							◆
Electromechanical												◆						◆

PHOTOMOS

Reed					◆								◆					◆
Solid State											◆	◆	◆					◆

SWITCHES

Automotive			◆	◆								◆						◆
Limit			◆			◆					◆							◆
Panel Mount			◆	◆		◆					◆							◆
PCB		◆	◆	◆								◆						◆
Toggle			◆	◆		◆												◆
Snap Action			◆			◆					◆	◆						◆

Circuit Breakers

Ground Fault				◆														◆
Hydraulic / Magnetic				◆									◆					◆
Thermal				◆									◆					◆

Sensors

Controls, Monitors						◆												◆
Hall Effect		◆			◆	◆			◆	◆		◆		◆	◆			◆
Pressure and Airflow						◆			◆	◆	◆							◆
Speed / Position						◆			◆									◆
Steering Torque		◆																◆
Thermal	◆					◆		◆	◆	◆	◆	◆						◆





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Supplier Authorized
Distributor

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ISO 9001:2000
Registered