

Components & System Solutions

Linecard 2023

TRS-STAR Company Portrait



Since its foundation TRS-STAR GmbH focused on distribution of electronic components and assemblies for industrial customers as well as the Retail Market. The portfolio scopes many well-known manufacturers.

In addition to distribution, we also offer our customers efficient services related to inventory and shortage management. In the areas of purchasing and inventory management, our customers benefit from the bundled specialist knowledge of globally active purchasing and sales experts with over 20 years of market experience.

Optimize your working capital by letting us market unused excess stocks worldwide according to your needs via consignment, commission or direct sales.

Convince yourself of our competencies and strengths.

Portfolio

- IPC Systems
- IPC Boards
- Displays
- Memory & Storage
- Batteries
- Power Components
- LED / Lighting
- PEMCO
- FPGA / ASIC

Service

- Sourcing of EOL (End of Life) Components
- Sourcing of Allocation Components
- Implementation of System Solutions
- Technical Support
- Implementation of Logistics Concepts
- Appropriate and professional Warehouse Logistics

IPC Systems







- Industrial PCs
- Customized IPCs
- Panel PCs
- Rackmount
- Tablets/ Mobile
- Digital Signage



| | | Inc | dusti | rial P | Cs | | | Pa | nel f | PCs | | Rack- mount | Tablets/ Mobile | | Digital Signature | PoS/ Kiosk | Monitors |
|-----------|----------|---------|------------|------------|------------------|-----------|------------|--------|------------------|---------|------------|----------------|--------------------|---|----------------------|---------------|----------|
| | Embedded | Fanless | Expendable | Ruggedized | Wide-Temperature | Barebones | Industrial | Rugged | High Performance | Medical | Open Frame | | | | | | |
| Avalue | • | • | • | • | • | • | • | | • | • | • | • | • | • | | • | • |
| Elcom | | | | | | | • | | • | | | | | | • | | • |
| Kontron | • | • | • | • | • | • | • | | • | | • | • | | • | | | • |
| LCD World | | | | | | | | | | | | | | • | | | |

IPC Boards / CPUs







- Industrial Motherboards
- SBCs
- CPUs









| | | Industrial M | otherboards | | SB | CPUs | |
|---------|-----|--------------|-------------|---------------|------|----------|---|
| | ATX | mATX | Mini-ITX | Thin-Mini-ITX | 3,5" | Pico-ITX | |
| Asus | • | • | • | • | | | |
| Avalue | | • | | • | • | • | |
| Fujitsu | • | • | • | • | | | |
| Kontron | • | • | • | • | • | • | |
| Intel | | | | | | | • |
| AMD | | | | | | | • |

Displays

- TFT-Displays
- LC-Displays (Passiv)
- Capacitive Touches
- Resistive Touches
- Oled Displays
- E-Paper Displays
- Controller Boards

















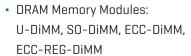






| 26°C | | | | | | | | | |
|-------------|--------------|-----------------|----------------------|---------|---------------|------------------|-------------------|---------------|----------------|
| | TFT-Displays | TFT-Touch-Modul | LC-Displays (Passiv) | Touches | OLED Displays | E-Paper Displays | Controller Boards | Touch-Monitor | Touchscreen-PC |
| DLC | - | | - | - | - | | | | |
| LCD World | - | | | - | | | • | | |
| Winstar | • | | • | • | • | | • | | |
| Riverdi | • | | | • | | • | • | | |
| RCL Display | | | • | | | | | | |
| Mildex | | | | • | | | | | |
| Touchnetix | | | | • | | | | | |
| faytech | • | • | | • | | | | • | - |
| Jutouch | • | • | | • | | | • | | |
| Yeebo | • | • | • | • | | | | | |

Memory & Storage



- Flash Storage: Memory Card, embedded Card, SSD, USB
- HDD

















| • HDD | |
|---------------------|--|
| | |
| ADATA SSD E12 | |

| d, | D | RAM Memo | ry Modules | s* | | | HDD | | |
|----------|--------|----------|------------|--------------|-------------|---------------|-----|-----|-----|
| | п-пімм | SO-DIMM | ECC-DIMM | ECC-REG-DIMM | Memory Card | embedded Card | SSD | USB | НОО |
| Adata | • | • | • | • | • | • | • | • | |
| SK Hynix | • | • | • | • | • | • | • | | |
| Samsung | • | • | • | • | • | • | • | | |
| Seagate | | | | | | | | | • |
| Toshiba | | | | | | | | • | • |
| SanDisk | | | | | • | • | • | • | |
| Intel | | | | | | | • | | |
| TRS-STAR | • | • | • | • | | | | • | |

^{*}wide temperature / anti corrosion possible as additional feature

Batteries



- Battery Pack: Li-Ion, NiMh, NiCd
- Lead Acid: VRLA, AGM
- Charger
- DC UPS Lithium











| | Cells: Li-Ion, NiMh, NiCd, Alkaline | Battery Packs: Li-Ion, NiMh, NiCd | Lead Acid: VRLA, AGM | Chargers |
|-----------------------------|---|--------------------------------------|-------------------------|----------|
| Ritar | | | • | • |
| Intercel | | | | • |
| Surgey Linghao / Surgezelle | • | • | | |

Power Components

Power Discrete:
 Mosfets, IGBTs, Diodes, Rectifiers, Thyristors, Triacs

Integrated Circuits:
 Power Management ICs & Special ICs

Power Supplies:
 AC-DC & DC-DC Converters & LED Drivers

Passive Components:
 Transformers & Inductors, Filters, Ceramic- & HV-Capacitors

















| UTC / Unisonic Technology YDS / Yuan Dean Scientific Trinno Technology EIC Semi | Mosfets [Discrete / Modules] | IGBTs [Discrete / Modules] | Diodes, Rectifiers, Thyristors, Triacs | Power Management ICs Special ICs | AC-DC Converters CED Drivers | Transformers Inductors Filters | Passive Komponenten: HV-Capacitors, MLCC, E-Caps, Thermistors, Varistors |
|---|------------------------------|-------------------------------|--|----------------------------------|-------------------------------|--------------------------------|---|
| ACAP Magic Power | | | | | | | • |
| Magic Power Wayon | : | | : | • | • | | • |

FPGA / ASIC







| | | | FP | | ASIC | | | | |
|--------|--------|-----------|----------|---------------------------------|---------------------|----------------------------|--------|---------|--------------|
| | FPGA F | amilies | | FPGA Ec | osystem | | | | |
| | TRION® | TITANIUM™ | TRAINING | CONSULTING / DESIGN SERVICES | TOOLS / EVAL-BOARDS | FPGA TO ASIC CONVERSION | ANALOG | DIGITAL | MIXED SIGNAL |
| Efinix | • | • | • | • | • | | | | |
| Serma | | | | | | | • | • | • |

LED / Lighting

- COB Modules
- SMD LEDs
- Lamp LEDs
- COB Series
- Numeric LED Displays
- UV + IR LEDs
- LED Modules & LED Light Stripes
- Automotive LEDs













| | | COB Modules | SMD LEDs | Lamp LEDs | COB Series | Numeric LED Displays | UV + IR LEDs | LED Modules & LED Light Stripes | Automotive LEDs |
|--|------------|-------------|----------|-----------|------------|-------------------------|--------------|------------------------------------|-----------------|
| | Alder | | • | | | | | • | |
| | Inolux | | • | • | | • | • | • | |
| | Harvatek | | • | • | | • | | | |
| | TRS-STAR * | • | | | | | | | |
| | Hongli | | • | | • | | • | | • |
| | Everlight | | • | - | | | • | | • |
| | Edison | | • | | • | | • | | |

^{*} Wir designen und produzieren kundenspezifische COB Module außerhalb der Standardbauformen.

PEMCO

- Switches
- Relays
- Connectors
- Terminals
- Cables

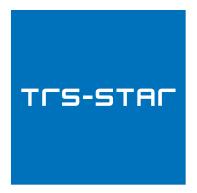






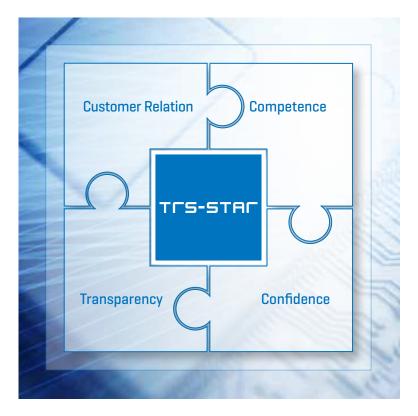


| | Switches | Relays | Connectors | Terminals | Cables |
|--------|----------|--------|------------|-----------|--------|
| ECE | • | • | • | • | • |
| Deca | | • | • | | |
| Vega | • | | • | • | • |
| Samwon | | | | | |
| Gabou | • | | • | • | • |



electronics4U

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