

# Driving Force for Electronic Progress

# LINECARD



## alfatec - Produktspezialist für innovative Elektronikentwicklung

Die alfatec GmbH & Co. KG ist **seit über 40 Jahren** in der Welt elektronischer Bauelemente verankert. Unsere **Vorteile für Entwickler und Einkäufer** elektronischer Systeme basieren auf einer **sehr effizienten Organisation**, sowie der **hohen Kompetenz unserer Mitarbeiter**. Auf der Suche nach immer höheren Leistungsdichten und hochqualitativen elektronischen Bauteilen, bieten wir **eine exklusive Auswahl erstklassiger Hersteller**.

### Field Application Engineering

- Hohe Beratungskompetenz beim Design elektronischer Baugruppen und der technischen Auslegung von Bauteilen
- Kundenspezifische Lösungen für den Performancegewinn individueller Applikationen: Energiespeicher & Energieeffizienz, Miniaturisierung, Antriebstechnik, Hochleistungselektronikkomponenten

### Kurzfristige Verfügbarkeit

- Weltweites Logistikkonzept
- Kanban Lagersysteme
- EDI/VDI Anbindung, Konsignationslager
- Weltweite Lagerfläche: ~ 8350m<sup>2</sup>
- Sicherheitslager
- Hohe Verfügbarkeit von Mustern
- Hohe Liefertreue mit kurzen Reaktionszeiten
- Traceability mit 100% Ein-/Ausgangsprüfung

### Über 40 Jahre alfatec Erfahrung

- Qualitätsmanagement ISO 9001:2015
- Support in 5 Sprachen (EN, DE, CN, PT, ES)
- Mehr als 160 Mitarbeitern weltweit
- Eigene Niederlassungen in Shanghai, Dalian, Shenzhen (China) und Curitiba (Brasilien)
- Automotive, Industrie, Luft- & Raumfahrtstechnik, Erneuerbare Energien, Medizintechnik, Telekommunikation, Sicherheit

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## alfatec – product specialist for innovative electronic designs

For **over 40 years**, alfatec GmbH & Co. KG has been firmly anchored in the world of electronic components. Designers and purchasers of electronic systems will benefit from the **efficient organization** of our services as well as **from substantial expertise of our employees**. It is our aim to find electronic components with an ever higher efficiency and reliability, and we can offer an **exclusive selection of products by first-class manufacturers**.

### Field Application Engineering

- High level of consulting competence regarding design and technical configuration of electronic components
- Customer-specific solutions to improve your performance of individual applications: Energy storage & energy efficiency, miniaturization, drive technology, high performance electronic components

### Short-term availability

- Logistics concept on a global scale
- Kanban logistics systems
- EDI/VDI connection, consignment
- Worldwide storage space: ~ 8350m<sup>2</sup>
- Safety stock
- High availability of samples
- High delivery reliability and quick reaction time
- Traceability and 100 % incoming and outgoing inspections

### Over 40 years of alfatec expert knowledge

- Quality management ISO 9001:2015
- Worldwide support in 5 languages (EN, DE, CN, PT, ES)
- Over 160 employees worldwide
- Subsidiaries in Shanghai, Dalian, Shenzhen (China) and Curitiba (Brazil)
- Automotive, industry, aerospace, renewable energies, medical, telecommunications, security



- High End Logistic Solutions
- EDI/VMI, Consignment
- EN/DIN ISO 9001

# Service & know how in innovative electronic components. Since 1978.



- Germany: Nuremberg, Metropolitan Region
- China: Shanghai, Dalian & Shenzhen
- Brazil: Curitiba

POWER ELECTRONICS



- IGBT & MOSFET Modules
- SiC Modules
- PIM / CIB Modules
- IPM
- Own IGBT/Diode chips

TECHSEM



- Diode & Thyristor Modules
- Discrete & Capsules
- Bridge Rectifiers



- High Performance SiC Devices
- MOSFETs
- Schottky Rectifiers



- Snap-In & Screw Mount



- DC-Links & Filter



- Ultracapacitors
- Ultra High Power Apps
- Single-Cells & Modules

CAPACITORS



- Aluminum Electrolytic Capacitors
- Highest market share worldwide



- Film Capacitors
- Customized DC Link
- Snubber & X/Y
- Biggest manufacturer worldwide



- Ultracapacitors for PCB
- Last Gasp
- Soft Shut Down



- Polymer Capacitors
- Polymer Hybrid Capacitors
- Lowest ESR / High Current

THERMAL MANAGEMENT / COOLING



- Thermal Interface Material
- High Performance Thermal Compounds
- Made in Germany



- AC / DC fans
- IP00 - IP68
- High Efficiency EC fans
- experience > 70 years

INDUCTORS

Sunlord



- Large Inductor/Transformer Portfolio
- Very High Automation Level
- Automotive Grade



- Coils and Transformers
- Rod Cores
- Chokes

LEDS



- Lighting & display LEDs
- LED modules & flexible strips
- UV LED & IR LED
- Automotive-grade LED

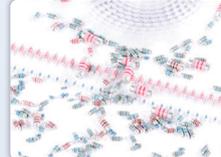


- THT LEDs
- Dot-Matrix-Displays
- 7-Segment-Displays

RESISTORS



- SMD & Leaded
- Shunt & Coil
- Cement & High Power



- MiniMelf & Melf
- Leaded

FUSES



- SMD & Micro Fuses
- Automotive
- Fuseholder