

# UNSERE LIEFERANTEN



# LIEFERPROGRAMM

## SINUS Electronic GmbH

**Innovative Produkte für industrielle Lösungen.**

SINUS Electronic liefert seit mehr als 30 Jahren Produkte an die europäischen Industriemärkte.

Mit unserer erweiterten Produktpalette bieten wir der Industrie ein Komplettpaket von EMV-, Protection- und Silikonprodukten sowie Datatransmission an.

Das SINUS-Team von Entwicklung, Produktion und Vertrieb ist die wichtige Basis, um mit der komplexen Herausforderung der industriellen Märkte Schritt zu halten.

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Ein Unternehmen der NUCLETRON Electronic AG

# AKTIVE & PASSIVE BAUELEMENTE

## POWER MANAGEMENT

- Switching Regulators
- PWM Controllers
- Digital Controllers
- Charge Pump Regulators
- Linear Regulators
- Battery Chargers
- LED Drivers
- Inductive Boost LED Drivers
- MOSFET Drivers
- Hot-Swap Controllers

## ANALOG CONTROLLERS & SENSOR / CONVERTERS

- Digital Temperature Sensors
- Signal Conditioners
- Analog Microcontrollers
- Sub-1 V Motor Timer-Controllers

## TOUCH INTERFACE PRODUCTS

- Capacitive Touch Controllers
- Keypad Touch Controllers
- Resistive Touch Controllers (single, multi)

## TIMING & SYNCHRONIZATION

- Timing over Packet Networks (ToPSync)
- Synchronous Equipment Timing Source PLL
- Jitter Attenuation, Multiplying PLL
- PLL Frequency Synthesizer

## MICROWAVE & MILLIMETER WAVE

- Microwave & Millimeter Wave
- MW Cable & Assemblies
- Microwave Components
- Hardware & Other

## WIRELESS & RF

- Low Noise Amplifier (LNA)
- RF ISM Transceivers
- RF Transceivers (WIMAX)
- RF ISM Transmitters
- RF ISM Receivers
- Patching Solutions
- RF Cables & Assemblies

## TELECOM & DATACOM SERDES - SERIES

- 40/100 Gbps Mux
- 40/100 Gbps DeMux

## IO EXPANDERS

- IO Expanders

## HIGH-REL & DISCRETE SEMICONDUCTORS

- Half Wave Rectifier (Power Diodes)
- Rectifiers
- High Voltage Capacitors
- TVS Rectifiers
- Single Phase Full Wave Bridge Assemblies
- Half Wave, High Voltage Assemblies
- Half Wave, High Current Assemblies
- Three Phase Full Wave Bridge
- Center Tap and Doubler Assemblies
- Single Phase Center Tap and Doubler Assemblies
- Zener Diode Voltage Regulators
- Qualified Parts
- Schottky Diodes
- Schottky Bridges
- customized solutions

## TEST & MEASUREMENT

- DAC
- Parametric Measurement
- Pin Electronics

## PROTECTION

- ESD-EMI Filter Devices
- High-Current Lightning Protection
- Low-Capacitance ESD Protection
- TVS - Diodes
- TVS - Arrays
- Gasdischarge Arrestors (GDTs)
- Ground Fault Protection Relay
- LED Protection
- SLIC - Protectors
- Thyristor - Cells
- Protection Switches
- customized protection

## VARISTOR

- Metalloxid - Varistors
- Surface Mounted Multilayer - Varistors (MLVs)
- T-MOV (Thermally Protected)

## POWER THYRISTORS

- Diacs
- Rectifier
- Ouadracs
- Sidacs
- Triacs
- Controllable Silicon Rectifier (SCR)

## FUSES

- Automotive Fuses
- Leaded or Tube Fuse
- Electronics - Special fuses
- High reliability and Military
- Surface Mounted
- POWR-GARDTM - Electronic Fuses
- Fuseholder, Blocks and Clips for Electronic- and Automotive Industries

## POLYMER PRODUCTS

- PulseGuard (ESD-Protective Element)
- Resettable PPTC-Element

## CAPACITORS

- MLCC - Capacitors
- XY - Capacitors
- Tantalum - Capacitors

## CONNECTIVITY

### Copper

- 110 Wiring Products
- Cable Assemblies
- Category 5e Patch Panels
- Category 6 Patch Panels
- Pre-Terminated Solutions
- Specialty Patch Panels
- Zone Distribution
- customized assembly

### Fiber

- Fiber Optic Adapter Plates
- Fiber Optic Cable Assemblies
- Fiber Optic Connectors & Tools
- LAN Components
- L-Jack Solution
- Splice Trays
- Pierside Hermaphroditic Connectors
- R-Jack TM Ethernet Inter-Connect Solution
- L-Jack Solution
- Tactical Deployable
- customized assembly

## CABLES

### Copper

- Assembly/OEM Cables
- Category 5e
- Category 6
- Category 6a

### Fiber

- Assembly/OEM Cables
- Broadcast
- Indoor/Outdoor & Premises
- Industrial Cables
- Military Cables
- Mining Cables
- Outdoor Cables
- Security
- Shipboard & Offshore
- Multimode
- Singlemode
- SMPTE

## DEPLOYABLE REELS

- Reel Accessory Options
- MARS Reels

## HARSH ENVIRONMENT CONNECTORS

- EZ-MATE Connectors
- F-LINKTM Inter-Connect System
- Intelligent Release Inter-Connect System (IRIS)
- MHG II Fiber Optic Connectors
- Pierside Hermaphroditic Fiber Optic Connectors
- R-Jack TM Ethernet Inter-Connect Solution
- Expanded Beam Connectors

## TERMINI

- Single Terminus Connectors

## TURN-KEY ASSEMBLIES

- ARNIC Custom Simplex Cable Assemblies
- MIL-DTL-38999 Style Fiber Optic Assemblies
- MIL-PRF -28876 Style Fiber Optic Assemblies
- Pierside Hermaphroditic Fiber Optic Cable Assemblies

- TFOCA - Legacy Tactical Fiber Optic Connector Assemblies
- F-LINKTM Fiber Optic Cable Assemblies
- Simplex-, Duplex- and Multiconnector
- Fiber Optic Assemblies

## WORKSTATION SOLUTIONS

- KMJ Faceplates
- KMJ Keystone Jacks & Adapters
- Surface Mount Solutions
- MJ Bezel Style Jacks & Adapters
- UMJ Faceplates
- Wall Plates & Connectors

## RESIDENTIAL SOLUTIONS

- Dual Access
- Economy Distribution Solutions
- HAX Enclosures
- Modules
- MSDE Enclosures
- Residential Accessories

## RACK SOLUTIONS

- Cable Management
- Free Standing Racks & Cabinets
- Rack Accessories
- Shelving
- Wall Mount Racks & Cabinets
- customized solutions

## SILICONE SOLUTIONS

- Adhesives & Potting
- Thermal Management
- Primer
- Conformal Coating
- 1K & 2K Systems