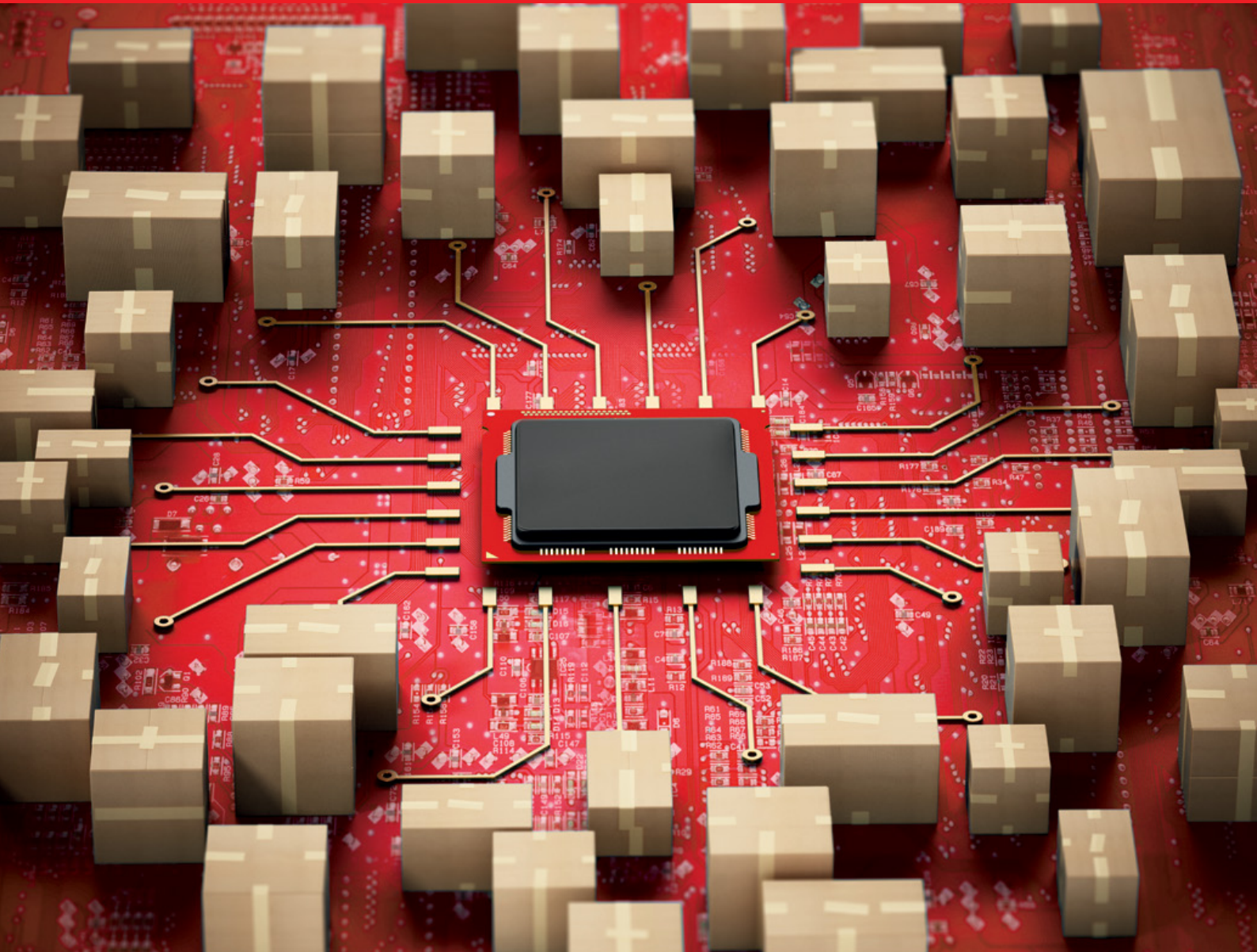


# Product Range



## Electronic Components



**GLYN**  
High-Tech Distribution

# GLYN = First-Class Premium SUPPORT

For 45 Years the reliable Connection  
between Major Manufacturers and Customers



It is invaluable to know where to turn when you have questions. A trusted partner with a deep and helpful expertise. A partner who listens to you, understands your needs exactly and dedicates himself to taking care of them - because he knows his stuff excellently and is happy to support you. That's what makes a **specialist**.



## Enthusiastic about Technology - Distribution out of Passion

A carefully selected portfolio allows for a very special **technical**, **commercial** and **logistical** depth of consulting.

The SUPPORT-enthusiastic GLYN team provides you with competent information about innovative electronic components. Commercial inquiries receive an immediate response. Orders are delivered to you efficiently and on time using intelligent processes.

Thousands of satisfied GLYN customers, ranging from engineering services to medium-sized businesses and large corporations, appreciate these foundations of SUPPORT and enjoy our very special kind of service - you can benefit from it too!

## Three Pillars for an Excellent SUPPORT



**GLYN is SUPPORT – GLYN is Red – SUPPORT is Red!**

	Analog ICs	Computer on Module	Displays	Industrial PCs	Power Electronics	Memory Solutions	Microcontroller	Optoelectronics	Quartz Crystal	Sensors	Connectors	Thermal Printer	Wireless
AAEON		•		•									
ABLIC	•				•	•				•			•
ACLAVIS		•	•										
ADVANTECH		•	•	•									•
ATP						•							
ATTEND											•		
EDT			•										
EXASCEND						•							
EZURIO		•								•			•
FORESEE						•							
FTDI							•						
FUJITSU													•
HOLITECH			•										
ISSI	•					•							
KA-RO		•											
KINGSTON						•							
KIOXIA						•							
MICRO CRYSTAL									•	•			
MIROMICO	•						•			•			•
MITAC		•		•									
MITSUBISHI ELECTRIC					•			•		•			•

[illegible]



**AAEON** Industrial PC Boards (3.5", EPIC, Mini ITX, Pico ITX, Nano COM, Q7, Smarc), Industrial Panel PC from 17.8 cm (7") to 55.9 cm (22"), analog resistive Touch, projective capacitive Touch, High Quality fanless Boxer Systems with RAM, SSD, CFast™, OS, Industrial Tablet PCs, AI Solutions



**ABLIC** V-Regulators, V-Detectors, Watchdog Timer, SW Regulators, Power Sequencer, Boost Charge Pump ICs, Composite ICs, LIB Protection ICs, Real-Time Clock ICs, Wake-up Timer ICs, Interval Timer ICs, Counter ICs, Power Sequencer, Wireless Power ICs, Temperature Sensor ICs, Hall Effect ICs, EEPROM, OPAMP, Comparators, Automotive ICs



**ACLAVIS** Touch Displays with Cover Glass, optical Bonding and Printing - passive LCDs in COG-Technology - universal standard Baseboards for KaRo CoM Modules with TTL or LVDS Interface



**ADVANTECH** Industrial-PCs in all Formfactors and Performance classes: Computer on Modules, Single Board Computer, Industrial Motherboards, Box PCs, Panel PCs, Digital Signage Player, Edge AI Solutions, Machine Vision, Wireless IoT Solutions, Software-Platform for IoT and Cloud-Applications, European SUPPORT, AI Solutions



**ATP** Memory Cards: CompactFlash™, CFast™, CFX™, SD™ / SDHC™ / SDXC™, microSD™ / microSDHC™ / microSDXC™, Solid-State-Drives (SSD): 2,5" SATA, 2,5" U.2 PCIe® / NVMe™, M.2 SATA & PCIe® / NVMe™, EDSFF-E1.S PCIe® / NVMe™, mSATA, SlimSATA, BGA Memory: e.MMC™, BGA SSD, USB: USB-Sticks, eUSB, System Memory Modules: SDRAM, DDR, DDR2, DDR3(L), DDR4, DDR5, ECC Module optional, Industrial Grade & Temperature, customized Solutions



**ATTEND** Card Connectors, Internal Connectors, Battery Connectors, I/O Connectors, USB Connectors, Circular Connectors M5 / M8 / M12 / M23, Board-to-Board Connectors, Wire-to-Board Connectors, FPC/FFC Connectors, customized Connectors, Cables and Assemblies



**EDT** Active Displays (TFTs), from 1.3" to 21.5" screen diagonals, projected capacitive Touch Panel, customised Solutions, Cover Glass, optical Bonding, Housing, Smart Embedded Displays



**EXASCEND** Memory Cards: CFast™, CFX™, SD™, SDHC™ / SDXC™, microSD™, microSDHC™ / microSDXC™, Solid-State-Drives (SSD): 2,5" SATA, 2,5" U.2 PCIe® / NVMe™, mSATA, M.2 SATA & PCIe® / NVMe™, EDSFF-E1.S PCIe® / NVMe™, BGA Memory: e.MMC™, BGA SSD, System Memory Modules: DDR4, DDR5, ECC Module optional, Industrial Grade & Temperature, Customized Solutions, Adaptive Thermal Control (ATC)™, Super Cruise Technology™



**EZURIO** Antennas, Revie Flex, FlexMIMO, FlexPIFA™, mFlexPIFA™, FlexNotch™, Nanoblue, Mini Nanoblade Flex, Cable, intelligent Gateways and Sensors for IoT, Software Solutions, smartBasic, Summit™-60, Sterling™-60, Sterling™-LWB™, Veda, Sona, System-On-Modules (SOM), NFC, Wi-Fi, Bluetooth 5.x, BLE, Pinnacle™ 100, LTE, CAT-M1, NB-IoT, LoRa, Modbus, ZigBee, Thread



**FORESEE** Memory ICs: DRAM (DDR3(L), LPDDR4(x) / LPDDR5), SLC NAND-Flash, NOR-Flash, BGA Memory: e.MMC™, BGA SSD, UFS, MCP, Memory Cards: SD™ / SDHC™ / SDXC™, microSD™ / microSDHC™ / microSDXC™, Solid-State-Drives (SSD): 2,5" SATA, 2,5" U.2 PCIe® / NVMe™, M.2 PCIe® / NVMe™, mSATA, USB: USB-Sticks, System Memory Modules: DDR4, DDR5



**FTDI** USB Host Controller ICs, USB to Serial-Adapter and ICs, customised Solutions, USB 3.0 Solutions, USB Hub, USB Interface Cable, USB-C with PD Solutions



**FUJITSU** Custom SoCs, ASICs, Foundry Services, Imaging & Graphics Solutions, PCBs & Interconnect Technologies, Advanced Packaging



**HOLITECH** ePaper Displays from 1,5" to 42", two-, three- or full Color, Standard Displays available from 1 pc., customized monochrome LCDs (TN, STN, FSTN, HTN, VA), customized active Displays (TFT) with capacitive Touch, Cover Glass, optical Bonding



Long-term Support  
World Class Quality

**ISSI** Memory ICs: DRAM (SDRAM, DDR / DDR2 / DDR3(L) / DDR4 / Mobile DRAM, LPDDR2, LPDDR4(x)), SRAM (asynchron / synchron, pseudo SRAM), NAND-Flash, NOR-Flash, OctalFlash, OctalRAM, HyperRAM™, HyperFlash™, e.MMC™, UFS, MCP, Automotive Grade



**KA-RO** CoM (Computer on Module) based on ARM® Core, Made in Germany, pin-compatible, compact, long-term available, ideal for driving Displays, Starterkits, Base Board Development, Production and Assembly



**KINGSTON** Memory Cards: SD™ / SDHC™ / SDXC™, micro SD™ / microSDHC™ / microSDXC™, Solid-State-Drives (SSD): 2,5" SATA, M.2 SATA / PCIe® / NVMe™, mSATA, USB: USB-Sticks, System Memory Modules: DDR3, DDR4, DDR5, ECC Module optional



**KIOXIA** Memory ICs: SLC NAND, BENAND™, BGA Memory: e.MMC™, UFS, Solid-StateDrives (SSD): 2,5" U.2 PCIe® / NVMe™, 2,5" U.3 PCIe® / NVMe™, M.2 SAS / PCIe® / NVMe™, EDSFF: E1.S, E3.S



**MICRO CRYSTAL** kHz Tuning Fork Crystals, MHz AT-Cut Crystals, Real-Time Clocks, Low Frequency Oscillators, OCXO, VCXO, Temperature Sensor Modules



**MIROMICO** Intelligent Gateways and Sensors for the IoT, Wi-Fi, Bluetooth 5.x, BLE, LTE, CAT-M1, NB-IoT, LoRaWAN, Modbus, ZigBee, Thread, Mioty



MITAC COMPUTING TECHNOLOGY CORP.

**MITAC** Industrial PC Boards (3.5", Mini ITX, µATX, CoM Express), Panel PCs (10.1" – 21.5", with capacitive Touch, for POS, Medical, Signage), embedded Box PCs, AI Solutions



**MITSUBISHI ELECTRIC** IGBT Modules, SiC Modules, Intelligent Power Modules (IPMs), High Voltage IGBT Modules, High Voltage Diode Modules, MOSFET Modules, Diode Modules, Driver High Voltage ICs, High Frequency Devices (SiRF, GaAs and GaN), Laser and Photo Diodes, Fiber Optic Devices, Infrared Sensors



**Monolithic Power Systems** Power Management ICs, Isolators, Power Modules, Battery Management ICs, Motor Driver ICs, Automotive ICs, Current Sensors, Angle Sensors, Inductors



**PHISON** e.MMC™, UFS (Universal Flash Storage), BGA SSD (SATA & / PCIe® / NVMe™)



**QUECTEL** 2G/3G Modules, 4G Modules: LTE, 5G Modules, GNSS Modules, LPWA Modules, Satellite Modules, intelligent Modules, Wi-Fi and Bluetooth Modules, Antennas, EVB Kits, IoT Solutions, System-on-Modules (SoM)



Our Memory, Your Future.

**RAMXEED** Ferroelectric RAM (FeRAM), RFID-FRAM, Resistive RAM (ReRAM)



**Seiko Instruments** Thermal Printers, Quartz Crystals 32.768 kHz, Micro Battery, Capacitors



**SEMTECH** Cellular Radio 2G (GSM/GPRS/EDGE), 3G (UMTS/ HSPA), 4G (LTE), 5G, LPWA (LTE-M, NB-IoT), AirPrime™ Embedded Modules, AirLink™ Intelligent Gateways and Router, AirVantage™ Service Platform and Cloud Solutions, Wi-Fi and Bluetooth Modules, GNSS Positioning Modules, LoRa® Wireless RF, Circuit Protection, Signal Integrity, Professional AV, PerSe® Smart Sensing, Power Management



**SENSIRION** Humidity & Temperature Sensors, Temperature Sensors, Differential Pressure Sensors, Mass Flow Meter for Gases, Mass Flow Controllers for Gases, Liquid Flow Meters, VOC Sensors, NOx Sensors, CO<sub>2</sub> Sensors, Particulate Matter Sensors, Formaldehyde Sensors



**SG MICRO** Analog ICs: Analog Signal Switches, Audio Amplifiers, Video Buffers, Comparators, Operational Amplifiers, Power Management ICs, Logic ICs, Monitoring Circuits, Motor Drivers, Gate Drivers, LED Drivers



**SILICON LABS** Scalable energy-friendly IoT Solutions: Wi-Fi, Bluetooth, BLE 4.x, Bluetooth, 5.x ZigBee, Z-Wave, Thread, Modules and SoCs (SoCs Portfolio, Cortex®-M4, Cortex®-M3, Cortex®-M33, Cortex®-M0+, wireless Gecko EFR32, wireless Gecko EZR32), Microcontroller (Cortex®-M4F, Cortex®-M33, Cortex®-M3 and Cortex®-M0 EFM32 Gecko, EFM8, C8051), Matter, USB Interface Modules, Temperature and Humidity Sensors, Current Sensors, Magnetic Hall Effect Sensors, Optical Sensors



**SKYWORKS** Digital Isolators, Isolated Gate Driver ICs, Isolated FET Driver ICs, Power over Ethernet (PoE), Clock-Generators, Oscillators, TV and Video Tuner, Audio and Radio Solutions, Modem ICs, Hardware and Software-Tools



**TDK** Embedded Motor Controller (32-bit CPU core), Hall Sensors for Angle-, Distance- and Position Measurement, Current Sensors for Industrial and Automotive, NTC Temperature Sensors, Pressure Sensors, Humidity Sensors, Sound Sensors, Motion Sensors, Ultrasonic Time-of-Flight (ToF) Sensors, Piezo Haptic Actuators, DC/DC Converter Point-of-Load (µPoL), PiezoListen™ Speaker



**TIANMA** Active Displays (TFT) from 1.4" to 58" screen diagonals, Display Technologies: SFT/IPS, High Brightness, PCAP-Touch, customised Solutions, Cover Glass and optical Bonding, high-quality Displays especially suitable for Medical, Construction, Agriculture, Transportation, Marine & Aviation with resolutions up to 4K UHD



**TOSHIBA** Microcontroller (8-, 16-, 32-Bit), ARM® Core based Microcontroller (ARM9®, Cortex®-M3, Cortex®-A9) i.a. with 24-Bit Sigma-Delta-ADC, Tools, Starter Kits, Automotive MOSFETs, MOSFETs, SiC-MOSFETs, Discrete IGBTs, Intelligent Power Modules, Automotive and Industrial Photocouplers, Digital Isolators, CCDs, Laser Diodes, Fiber Optic Devices, Voltage Regulators / Detectors, Motor Control ICs, Magnetic Sensors



**Xmore®** Memory Cards: CompactFlash™, CFast™, CFX™, SD™ / SDHC™ / SDXC™, micro SD™ / microSDHC™ / microSDXC™, Solid-State-Drives (SSD): 2,5" SATA, 2,5" U.2 PCIe® / NVMe™, M.2 SATA / PCIe® / NVMe™, mSATA, SlimSATA, USB: USB-Sticks, eUSB, System Memory Modules: SDRAM, DDR, DDR2, DDR3, DDR4, DDR5, ECC Module optional, Industrial Grade & Temperature, customized Solutions, Content Copy Service



**YAMAICHI** Test & Burn-In Sockets, Test Contactor Solutions, IC-Sockets for Production, Card Connectors, internal Connectors, I/O Connectors, USB-Connectors, USB 3.1, USB TYP-C, Y-Con IP67 / IP69 / IP69K, Cables and Assemblies, Y-Circ® P Circular Push-Pull Connector

We will gladly provide you with further products from our manufacturers on request.

Please note that in some countries, specific or restrictive agreements have been reached with various manufacturers.



# SUPPORT – Far beyond our Focus-Franchise-Partners

The **ideal** antenna for your wireless product.  
The **perfectly fitting** socket for the circuit board.  
The touchscreen with **customized** front display.

We are pleased to pass this long term experience on to you:

Complete your application with the products from our **Additional-Lines** range. They harmonize with our Focus-Franchise-Lines and provide you with long-lasting SUPPORT in the development of your applications.



2J ANTENNAS, S.R.O.	Antennas, Cable, Connector for Wireless and customized Products
BRIDGETEK	Display Controller for TFT Display, 8- and 32-bit Microcontroller with Ethernet and CAN
CANON	X-ray Tubes, X-ray Image Intensifiers
CSM	PC Card Drives (OmniDrive)
DISPLAYTECH	Passive, monochrome LCDs; Standard and customized
EMBEDDED ANTENNA DESIGN	Internal and external Antenna Solutions for Applications from 100 MHz to 6 GHz
ENPLAS	Test & Burn-In Socket, Test Contactor Solutions
FCL COMPONENTS	Analog resistive Touchpanels
FRACTAL TECHNOLOGIES	LoRa-Gateways, Magnetic-, LIDAR-, Ultrasonic-, hPA-, PA-, °C-, MEMS-, %RH-, CO2-, NH3-Sensors
GLYN	Evaluation Boards, Starter Kits
HARVATEK	PCB Housing LED, PLCC Housing LED, Infrared LED Emitter, Phototransistor
HITACHI	High Voltage IGBTs, High Voltage SiC Modules, High Voltage ICs, Diodes

INELCO	Board to Board Connectors, I/O Connectors, RJ45 Connectors
JPC CONNECTIVITY	Flex Flatcable, Connectors
LM TECHNOLOGIES	Modul and Dongle Solutions for Bluetooth and Wi-Fi
LUMISSIL	Audio Amplifiers, LED Driver, Touch Sensor, Power Management, Interfaces, Optical Components, Powerline Communication
QT BRIGHTTEK	SMD LED, High Power LED, Through-Hole Lamp, Super Flux LED, Display Dot Matrix
RADIOCRAFTS	RF Solutions for the ISM Bands for RC232, TinyMesh, M-BUS, KNX, ZigBee and 6LoWPAN
S4SENSORS	Current Sensor ICs, 3D Hall Sensors
SANKEN	Power Management ICs, Motor-Control ICs, MOSFETs, IGBTs, SiC Schottky Diodes
SEGGER	In-Circuit Programming, Debug Probes, RTOS & Embedded Software, Crypto & Security SW
SILVERMICRO	IGBT Modules, SiC Modules, MOSFET Modules, Automotive Modules, GaN Modules, Diode Modules, Rectifier Modules, IPM Modules
SKYHIGH MEMORY	SLC NAND, Serial NAND (SPI), MCP, e.MMC™
SOLOMON GOLDENTEK	Active Displays (TFTs), passive Displays (STN,FSTN,CSTN), customized Solutions
SUYIN	Battery Connectors, Board to Board Connectors, I/O Connectors, D-Sub Connectors
TAOGLAS	Antennas, Cable, Connector for Wireless and customized Products

# High-Tech Distribution First-Class Premium SUPPORT

GLYN – at the moment 18 offices in 11 countries with about 200 employees.

Familiar, experienced and motivated sales contacts will process your requests and give expertise advice during all phases of the delivery process. High service and quality standards regarding acquisition and warehousing go without saying. The focus is on optimum project processing and on schedule deliveries at a fair price. Being able to rely on GLYN in all of these areas is an added value welcomed by many thousands of customers in Europe.

Thousands of customers in Europe rely on our competence.

GLYN's state-of-the-art IT-based systems and specialists guarantee the realisation of customised and economic logistic solutions. Detailed insights into the market demand and provision of comprehensive additional added value services mean that GLYN is a specialised distributor. We are expanding systematically and continually.



## Services:

Application SUPPORT (FAE), specialist technical counselling, GLYN-Academy, GLYN-Talks, seminars, workshops, in-house developed MCU starter kits, Framework agreement, Delivery schedule, Rolling Forecast, Safety stock, Consignment stock, Kanban, EDI, programming service, international acquisition, customised labels and packaging for memory cards, information and statements on current events.

## Target Markets:

Industrial electronics, measuring and control technology, drive engineering, medical engineering, telecommunications, automotive, digital imaging, etc.

## Warehouse Location:

European central warehouse in Idstein, near Frankfurt/Main airport.

## Quality Management:

TÜV certification according to  
DIN EN ISO 9001, 45001 and 14001



Glyn Jones GmbH & Co. Vertrieb von  
elektronischen Bauelementen KG  
Register of Companies in Wiesbaden:  
HRA 6996  
Founded: April 2nd, 1980  
Equity capital: 20.000.000 EUR  
Dun & Bradstreet Reference:  
DUNS # 31-810-1268

# Global SUPPORT Network

## Germany

### GLYN GmbH & Co. KG Head Office

Am Wörtzgarten 8  
D-65510 Idstein  
[www.glyn.de](http://www.glyn.de)

**Tel.: +49 6126 590-222**  
**[sales@glyn.de](mailto:sales@glyn.de)**

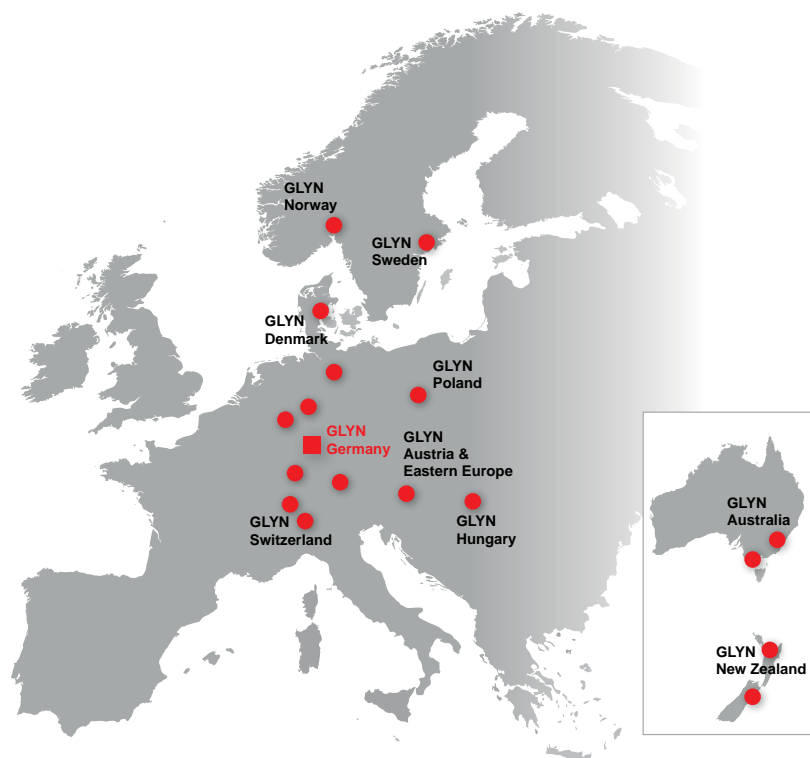
**Nettetal**  
**Tel.: +49 2157 124-222**  
**[nettetal@glyn.de](mailto:nettetal@glyn.de)**

**Norderstedt**  
**Tel.: +49 40 3204699-0**  
**[norderstedt@glyn.de](mailto:norderstedt@glyn.de)**

**Pforzheim**  
**Tel.: +49 7231 42441-00**  
**[pforzheim@glyn.de](mailto:pforzheim@glyn.de)**

**Recklinghausen**  
**Tel.: +49 2361 909027-0**  
**[recklinghausen@glyn.de](mailto:recklinghausen@glyn.de)**

**Unterhaching**  
**Tel.: +49 89 3216 4957-0**  
**[unterhaching@glyn.de](mailto:unterhaching@glyn.de)**



## International

**Australia**  
Cooperation Partner  
GLYN Ltd.  
Tel.: +61 2 9889 2520  
[www.glyn.com.au](http://www.glyn.com.au)  
[sales@glyn.com.au](mailto:sales@glyn.com.au)

**Austria & Eastern Europe**  
GLYN GmbH & Co. KG  
(Germany)  
Tel.: +43 2236 311112-0  
[www.glyn.at](http://www.glyn.at)  
[sales@glyn.at](mailto:sales@glyn.at)

**Benelux**  
GLYN GmbH & Co. KG  
(Germany, via Recklinghausen)  
Tel.: +49 2361 909027-802  
[www.glyn.com](http://www.glyn.com)  
[benelux@glyn.com](mailto:benelux@glyn.com)

**Denmark**  
GLYN GmbH & Co. KG  
(Germany)  
Tel.: +45 4517 5011  
[www.glyn-nordic.dk](http://www.glyn-nordic.dk)  
[sales@glyn-nordic.dk](mailto:sales@glyn-nordic.dk)

**Hungary**  
GLYN GmbH & Co. KG  
(Germany)  
Tel.: +36 1 204 9571  
[www.glyn.hu](http://www.glyn.hu)  
[sales@glyn.hu](mailto:sales@glyn.hu)

**New Zealand**  
Cooperation Partner  
GLYN Ltd.  
Tel.: +64 9 415-9150  
[www.glyn.co.nz](http://www.glyn.co.nz)  
[sales@glyn.co.nz](mailto:sales@glyn.co.nz)

**Norway**  
Link Nordic AS  
Tel.: +47 6988-9899  
[www.linknordic.com](http://www.linknordic.com)  
[sales@linknordic.com](mailto:sales@linknordic.com)

**Poland**  
GLYN GmbH & Co. KG  
(Germany)  
Tel.: +48 71 7828-758  
[www.glyn.pl](http://www.glyn.pl)  
[sales@glyn.pl](mailto:sales@glyn.pl)

**Sweden**  
GLYN GmbH & Co. KG  
(Germany)  
Tel.: +46 293 300-84  
[www.glyn.se](http://www.glyn.se)  
[sales@glyn.se](mailto:sales@glyn.se)

**Switzerland**  
GLYN GmbH & Co. KG  
Branch Office  
CH-8133 Esslingen / Egg  
Tel.: +41 44 944 55-00  
[www.glyn.ch](http://www.glyn.ch)  
[sales@glyn.ch](mailto:sales@glyn.ch)

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We will gladly provide you with further products from our manufacturers on request.  
Please note that in some countries, specific or restrictive agreements have been reached  
With various manufacturers. Please note the legal information: [www.glyn.com/Legal-Notices](http://www.glyn.com/Legal-Notices)

WEEE-Reg.-Nr. DE: 77660497



**GLYN**  
High-Tech Distribution