



We attach particular importance to the direct transfer of know-how.
That is why we came up with the idea of offering special **digital SUPPORT**.

"GLYN-Talk" – compact knowledge and interesting topics

The benefits for you:

- ▶ **You determine the "GLYN-Talk" topics**
From the available module programme as required, approx. 20 minutes per talk.
- ▶ **You choose the time and the participants**
To fit in with your schedule.
Colleagues from your company can be quickly integrated.
- ▶ **Almost like being there in person**
Live specialists from GLYN / manufacturer: all your questions are dealt with individually and immediately.
- ▶ **An MS Teams solution**
A well-known platform. Fast, customised, combinable, simple, free.

Choose your modules.

Our GLYN-Academy team will coordinate everything else with you and the specialists.

Analog ICs

Topic	Voltage regulator line-up
Manufacturer	ABLIC
Module	AIC-001
Contents	<p>ABLIC regulates your voltage You need compact and efficient voltage regulators? ABLIC offers you a wide range of linear LDOs a) in ultra small package HSNT-4 (0808, AOI compatible) b) with extremely low quiescent current of typ. 2nA (S-1318xxx) c) products qualified for automotive use. In combination with ABLIC's low-current and ultra-small voltage detectors and analog battery protection ICs, you can develop very compact battery applications with high safety standards. And this with battery runtimes that have hardly been achieved so far. How? Find out in our GLYN-Talk.</p>
Coordinator	Claudia Jackson

Topic	DC/DC Power Management
Manufacturer	SG Micro
Module	AIC-002
Contents	<p>Efficient power management solution from SG MICRO Would you like to implement an efficient and robust power management solution with little effort? In this GLYN-Talk, we will show you how you can easily implement this. Using a retrofit design on μA/LM78XX-TO-220 form factor, you will learn what you need to consider in the design. The focus is on the SGM61410 synchronous switching regulator from SG MICRO.</p>
Coordinator	Waldemar Günter

Digital isolation

Topic	Switch the design safely and quickly with digital isolators
Manufacturer	SKYWORKS
Module	DIL-001
Contents	<p>SKYWORKS is the new manufacturer behind the digital isolation Communication systems must work reliably over long distances in harsh industrial environments. Capacitive isolation technology is particularly suitable for noise-insensitive, potential-separated signal transmission. SKYWORKS Solutions Inc. has acquired the fast-growing digital insulation business of SILICON LABS. We are happy to introduce you to the capacitive insulation portfolio. In our GLYN-Talk we will show you suitable solutions for your development.</p>
Coordinator	Waldemar Günter

Displays

Topic	GLYN, your HMI partner
Manufacturer	-
Module	DIS-001
Contents	How to transform a display into a modern and robust HMI. "Smartphone Look & Feel". Familiar things from our daily lives are increasingly finding their way into industrial applications. How do you transform a display into a modern and robust HMI? GLYN is your partner for glass, printing, optical bonding, touch and mechanics. This GLYN-Talk will help you set the course for successful implementation
Coordinator	Manuel Krause

Topic	Achieve your development goal faster with SMART Embedded Display
Manufacturer	-
Module	DIS-002
Contents	Your path to the "smart" display solution Smart Embedded: What is that and what advantages does a smart display offer? Here the intelligence is already built into the display! Smart Embedded products are displays with a Cortex®-M7 (ST32 series) and various interfaces. In addition, you get a software with which you can conjure up a modern GUI on the display within a few hours. Learn more about the fast way to the goal with this GLYN-Talk.
Coordinator	Manuel Krause

Topic	Displays & System Solutions Update 2021
Manufacturer	-
Module	DIS-005
Contents	New technologies and possibilities for your applications HMI systems, displays and touch panels, embedded solutions and industrial PCs: In this GLYN-Talk, we will inform you about new technologies and possibilities that will help you develop your application faster and better.
Coordinator	Gerald Diehl

Embedded Computing

Topic	CoM modules in industry
Manufacturer	KA-RO
Module	EBC-001
Contents	One click to the new power class Simply exchange the power class with one click. CoM modules can be scaled excellently. You select the right modules from a wide range of peripheral options. This ensures that your application remains future-compatible. Count on long-term availability of 7 years and more. Learn more about areas of application and starter kits for a quick start in GLYN-Talk.
Coordinator	Christoph Tenbergen

Topic	Industrial PC Solutions
Manufacturer	-
Module	EBC-002
Contents	The latest developments that you can use directly Industrial PCs - endless scope and possibilities. Here you will get an overview of the extensive portfolio of industrial PC solutions offered by GLYN. Gain insights into the latest technologies from the area of Computer on Modules (CoM), motherboards, SBCs as well as Rugged Tablet Computers and Panel PCs. In our GLYN-Talk "Industrial PC Solutions" you will learn how GLYN and our manufacturers AAEON, ADVANTECH and MITAC can support you in your development.
Coordinator	Norman Schmidt

Topic	ARM® in industrial applications
Manufacturer	ADVANTECH, AAEON, MITAC
Module	EBC-003
Contents	From CoM to Boxed PC: ARM® in different form factors With increasing performance at low power consumption ARM® processors become more and more interesting for all kind of industrial applications, where X86 has been used before. In this GLYN-Talk you will get an overview of our portfolio of CoM Modules, SBCs, Boxed PCs an Tablets based on ARM®
Coordinator	Norman Schmidt

Interface

Topic	Video bridge ICs for high-speed protocols
Manufacturer	TOSHIBA
Module	INT-001
Contents	<p>Fast transfer of large amounts of data Increasing resolutions and image qualities for multimedia content. Huge amounts of data are transferred between cameras, displays and peripherals. With TOSHIBA Videobridge ICs you connect MIPI®, LVDS, DisplayPort and HDMI to the interfaces of your application. In our GLYN-Talk we show you which bridge is suitable for your product - from a technical and commercial point of view.</p>
Coordinator	Alexander Haink

Microcontroller / Graphic controller

Topic	Embedded motor controller for smart actuators
Manufacturer	TDK-Micronas
Module	MCU-002
Contents	<p>Control electric motors directly with 12 V HVC controller Embedded controller, ideal for smart actuators. The high-voltage controller family combines an ARM standard microcontroller core with many additional functions. Until now, you could only realize this using discrete switching elements. Designed as an embedded controller, you can make your application much more compact and cost-efficient. TDK-Micronas HVC controllers contain all the circuit components you need to drive electric motors. In our GLYN-Talk we will guide you through all the details.</p>
Coordinator	Mark Friedrichs

Memory Solutions

Topic	Xmore® – Tailor-made industrial storage media
Manufacturer	Xmore®
Module	MEM-001
Contents	<p>Memory solutions for individual customer requirements Industrial storage media made to measure! Learn more about our Xmore® brand. Find out how easily and individually product-specific customizations are possible. Find out more in our GLYN-Talk.</p>
Coordinator	Sebastian Stricker

Topic	Industrial only – ATP
Manufacturer	ATP
Module	MEM-004
Contents	Optimized for industrial use already during wafer production Industrial only! Under this motto, we will guide you through the range of industrial flash products from ATP with our GLYN-Talk. With ATP, you are relying on a manufacturer where the value chain already begins on a wafer basis. From material procurement to mass production, ATP takes care of all steps. This means you benefit from high quality and long-term product cycles. Thanks to excellent supply chain management, you benefit from short delivery times.
Coordinator	Benjamin Fasel

Topic	Powerful FRAM technology from FUJITSU
Manufacturer	FUJITSU
Module	MEM-007
Contents	Almost unlimited read and write cycles. EEPROM was yesterday! Now rely on the powerful FRAM technology. Ideal for mobile applications and with 1013 P/E cycles almost indestructible. With FUJITSU you rely on more than 50 years of memory experience. FRAM is a non-volatile memory that surpasses EEPROM and Flash. FRAMs offer virtually unlimited read and write cycles. This advantage realizes high memory density and stable communication for read and write operations. For more information, check out our GLYN-Talk.
Coordinator	Christine Ansel

Topic	Kioxia explains 3D Flash technologies
Manufacturer	KIOXIA
Module	MEM-009
Contents	This is how 3D NAND flash becomes suitable for industry 3D is not only in the cinema! KIOXIA as the inventor of Flash technology introduces its innovative BiCS Flash technology to the market. What are the technical advantages of 3D Flash? What are the advantages of the used charge trap cell technology, while other NAND Flash manufacturers still use floating gate cells for data storage? You can find out all about this in our GLYN-Talk.
Coordinator	Benjamin Fasel

Topic	Design-in storage media for price-sensitive applications
Manufacturer	KINGSTON
Module	MEM-011
Contents	<p>KINGSTON Is With You! For over 30 years, KINGSTON has enjoyed the trust of its customers and partners. Kingston is the world's largest independent manufacturer of memory products. From now on, they also offer series with Design-In SATA and NVMe™ SSDs as well as memory modules in the C-Temp. range. These have been specially designed for system developers and manufacturers. You can find more information in our GLYN-Talk.</p>
Coordinator	Benjamin Fasel

Optoelectronics

Topic	TOSHIBA optocoupler line-up
Manufacturer	TOSHIBA
Module	OPT-001
Contents	<p>Quick and compact the highlights of the manufacturer According to its own information, TOSHIBA is the global market leader in the manufacture of optical semiconductors. The manufacturer can draw on more than 40 years of experience in the field of optocouplers. In our GLYN-Talk, we present the current lineup of optocouplers and photorelays. Learn everything about a quick evaluation via starter kits and PROMO cards.</p>
Coordinator	Alexander Haink

Power Electronics

Topic	Low-voltage MOSFETs - Really "cool" types with more performance
Manufacturer	TOSHIBA
Module	POW-001
Contents	<p>New housings improve cooling and increase reliability More power, less heat. These "guys" just stay "cool." TOSHIBA's U-MOS IX-H and X-H MOSFETs are highly efficient devices for DC-DC converters, power supplies, chargers, BLDC motor controllers. Here you can achieve excellent efficiencies. New packages improve cooling and increase reliability. The components are specified for applications up to 175 °C. Find out in our GLYN-Talk which "cool" types you should go for.</p>
Coordinator	Stefan Besier

Topic	The MITSUBISHI IGBT LV100 series sets the housing standard of the future
Manufacturer	MITSUBISHI
Module	POW-002
Contents	Form factor compatible into the IGBT future Minimum dimensions of 140 x 100 mm meet 1200 V and 1700 V at 800 A and 1200 A. With the new housing concept of the LV100 series you are future compatible. During development, the multi-sourcing idea was implemented. This means that you can easily switch to SiC technology at a later date. The housing is form factor compatible with other manufacturers. Learn how to use the full current range in your application in our GLYN-Talk.
Coordinator	Harald Kasteleiner

RTCs (real-time clocks)

Topic	Energy-efficient RTCs (real-time clocks)
Manufacturer	ABLIC
Module	QRZ-001
Contents	Highest precision in the currently smallest housing in the world Your application requires a very precise time reference? And as energy-efficient as possible? Learn all about ABLIC's very special timer products in our GLYN-Talk. From Real-Time Clocks to Convenience Timers to Counter ICs. ABLIC offers the smallest packages in the world today, measuring 0.8 x 0.8 x 0.4 mm. The manufacturer is also a leader in standard packages such as SOT 23-5 and SOT89. Ideal for products in medical, industrial and automotive applications.
Coordinator	Claudia Jackson

Sensors

Topic	Hall effect ICs for motor control
Manufacturer	ABLIC
Module	SEN-002
Contents	Reliable magnetic sensors for demanding environments Would you like to operate your motor even more compactly and efficiently? Or optimize it for use in particularly challenging environmental conditions? With the Zero Crossing Latch (ZCL™) Hall-effect ICs from ABLIC, you will find an extensive product range of magnetic sensors. We will be happy to present these to you in more detail in our GLYN-Talk.
Coordinator	Claudia Jackson

Topic	Programmable 3D sensor family for position determination including interference field compensation. For joystick, angle and length measurements.
Manufacturer	TDK-Micronas
Module	SEN-003
Contents	<p>Joystick, angle and length measurements with TDK-Micronas 3D Position Sensors from TDK-Micronas. With the HAL 39xy family, you meet all requirements for "interference field insensitive position determination" of linear movements or rotary motions. In addition, they ensure ISO 26262-compliant product development. Ideal for reliable joystick application.</p> <p>The HAL 3930 also has a switching output. With this you can easily configure high/low side switches. The switching signal is obtained directly from the calculated position information. You can freely define an on/off switching point along the entire range of the position information. Learn more in our GLYN-Talk.</p>
Coordinator	Mark Friedrichs

Topic	Ultrasound Time of Flight Sensor with industrial design options
Manufacturer	TDK Chirp
Module	SEN-004
Contents	<p>MEMS-based ultrasonic sensor enables best results especially on difficult surfaces such as glass. TDK Chirp Microsystems has developed a high-quality 3D sensor platform. This is based on the sonar principle and combines it with "optical" time-of-flight sensor technology. With a range of up to 5 metres and a 180° wide field of view, it is ideal for precise distance measurement, proximity sensing, object detection or position determination.</p> <p>In our GLYN-Talk you will learn how to use the advantages of this technology in your applications.</p>
Coordinator	Waldemar Günter

Topic	Conquering the Internet of Sensors with Motion Sensors
Manufacturer	TDK InvenSense
Module	SEN-006
Contents	<p>MEMS Inertial Sensors for Automotive and Industry An Inertial Measurement Unit(IMU) combines an accelerometer and a gyrometer. The multi-axis unit detects changes in speed and direction. Even at 8 out of 10 automotive OEM's, TDK InvenSense sensors find their application in advanced driving assistance systems.</p>
Coordinator	Waldemar Günter

Wireless

Topic	The perfect companion for battery-operated IoT applications
Manufacturer	SILICON LABS
Module	WIR-002
Contents	Up to 10 years of transmitting and receiving with a 3 V button cell The BG22 is the latest derivative of the Blue Gecko family from SILICON LABS. Its extremely low power consumption in transmit and receive mode makes this SoC the perfect companion for battery-powered IoT applications. Up to 10 years on a coin cell is possible for certain use cases. In addition to the latest ARM Cortex M33 technology, the SILICON LABS solution offers additional tools in the development environment. The Simplicity Studio 5 contains all important tools and examples to make your development with the BG22 efficient and comfortable. Learn more in our GLYN-Talk.
Coordinator	Alexander Pokorny

Topic	5G – High speed connectivity
Manufacturer	SIERRA WIRELESS
Module	WIR-005
Contents	Worldwide high speed quickly integrated in M.2 form factor The latest mobile technology 5G enables new applications with fast data transmission. In the GLYN-Talk, we present the technology with the most important features as well as concrete product solutions.
Coordinator	Salvatore Capobianco

Topic	Cellular modules for industrial M2M and IoT applications
Manufacturer	SIERRA WIRELESS
Module	WIR-006
Contents	Into the IoT with a scalable wireless solution - thanks to SIERRA WIRELESS How can wireless be integrated quickly and reliably into your applications? What product solutions are available? And why should you pay attention to scalability? We will answer these and other questions in the GLYN-Talk based on the solutions in the compact and scalable Common Flexible Form Factor CF3.
Coordinator	Salvatore Capobianco

Topic	LTE-M und NB-IoT – Power-efficient into the Internet-of-Things
Manufacturer	SIERRA WIRELESS
Module	WIR-007
Contents	Connecting your battery-powered application to the IoT Low Power Wide Area (LPWA) radio technologies LTE-M and NB-IoT enable low-power, battery-operated applications for the Internet-of-Things. In this GLYN-Talk, learn what makes these technologies tick and what concrete solutions are available.
Coordinator	Salvatore Capobianco

Other

Topic	International Sourcing
Manufacturer	-
Module	OTH-001
Contents	Worldwide procurement of products from leading manufacturers GLYN offers you two solid business areas or contract models for the procurement of components - franchise and sourcing. Especially in sourcing, we have a stable supplier structure that has grown over 30 years and is secure. Here we procure products from leading manufacturers worldwide. And with the high standards of a franchise dealer in terms of quality, service and reliability. Learn all about our sourcing service in our GLYN-Talk.
Coordinator	Paulo Sousa

Topic	GLYN Logistics: Secure supply chain for development and production
Manufacturer	-
Module	OTH-002
Contents	The red link in your supply chain Do you want to become independent of long and fluctuating replenishment times in semiconductor electronics? You also want to gain additional supply security? In this GLYN-Talk, we will show you our tools to achieve exactly that for you. From this, we will create a solution tailored to your needs. You will also learn why you can even save time and money in the process.
Coordinator	Luca Navarro

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