



Enabling progress together

Design-In | Value Added | Solutions

From the component to the integrated solution:

As a value added distributor, we supply the right technologies for your innovations and support you in the development of new products.



Our locations:

- Competence Center Components (Unterhaching near München)
- Competence Center Solutions (Durchhausen near Tuttlingen)
- Competence Center Batteries (Schaffhausen in Switzerland)



Sales offices throughout Germany



67 million Euros in sales



On the market since 1988



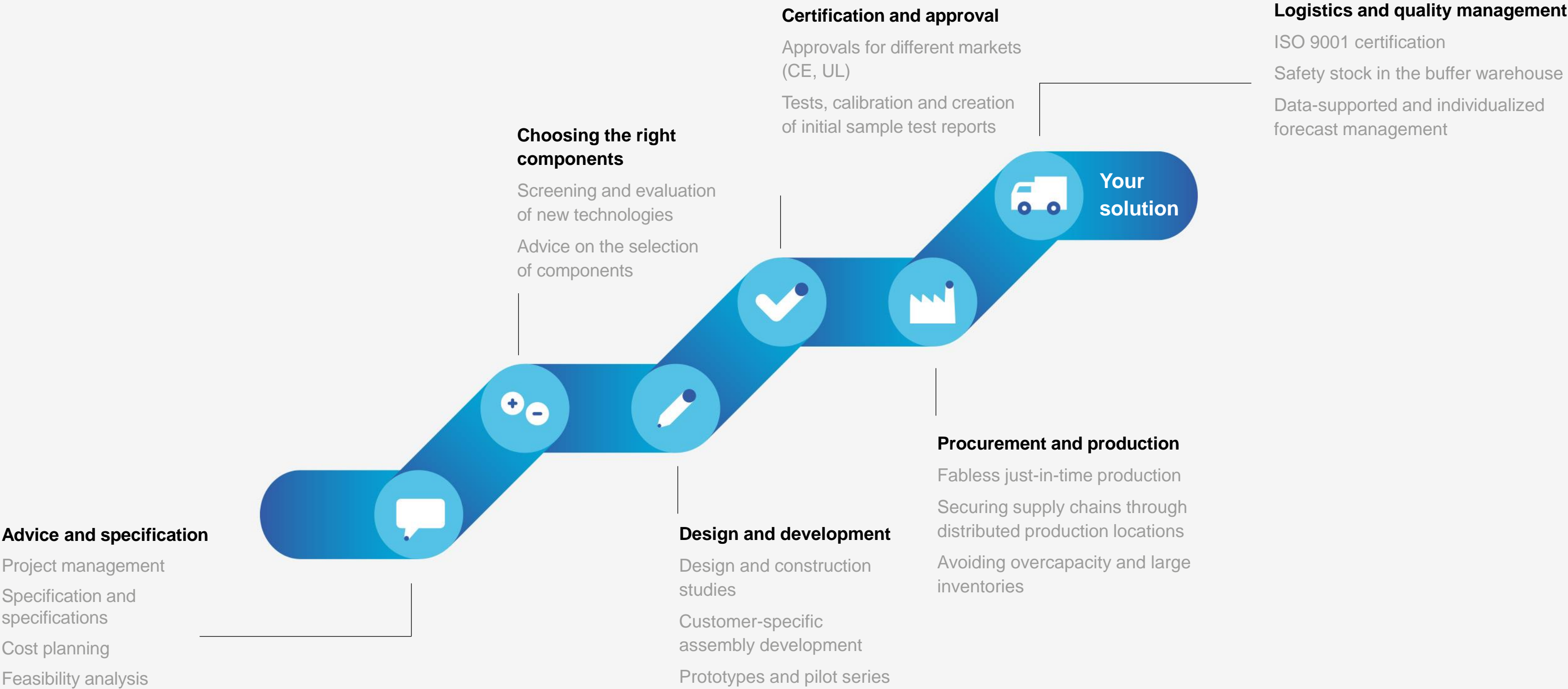
90+ employees

»Decide for yourself how many tasks you want to outsource. We supply individual components or develop entire systems with you.«

Salvatore Murru
Site Manager Competence Center Solutions



Our Development Process



HY-LINE Industry Sectors



Medical technology



Automation



Mechanical Engineering



Retail



EMS



Commercial and industrial Trucks



Renewable Energy



Access Systems

Our Partner Network



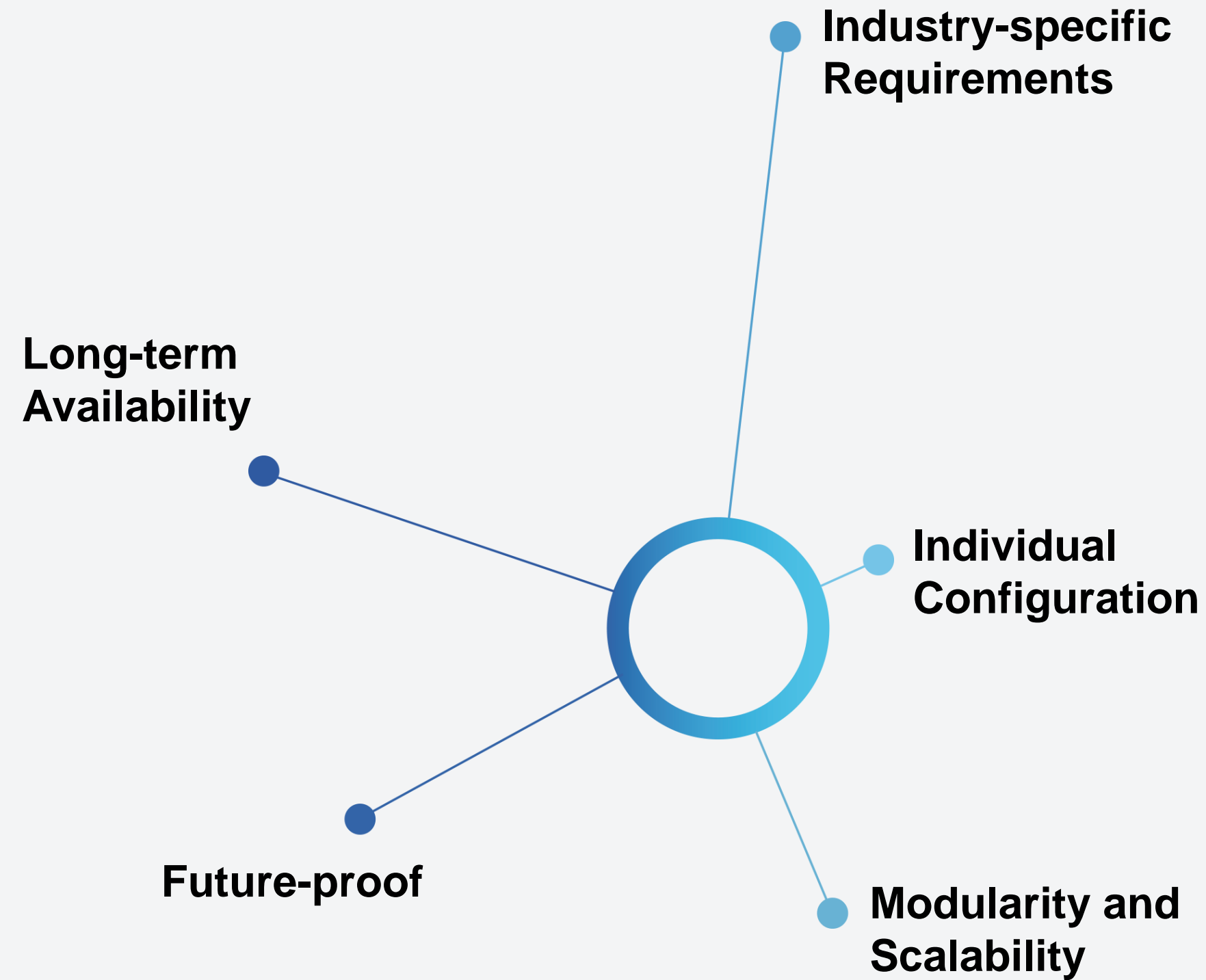
Our Solutions

	HMI / DISPLAYS / TOUCHSCREENS	EMBEDDED	WIRELESS	SIGNAL	ENERGY	POWER
Custom Solutions	•	•	•	•	•	•
Panel PCs, Monitors, HMI	•	•	•	•	•	•
AnySurface Keyboard	•					
Voice Control	•	•				
Embedded Software		•				
IoT Connectivity			•			
Interactive Smart Shelf Displays	•		•			



Your advantages

Our Solutions



Solutions

Selected Products



Custom HMIs, Panel PCs and Touchscreens



Industrial and Medical PC



AnySurface Keyboard



IoT Connectivity Services



Smart Shelf Display Solution



Offline Voice Control

HY-LINE Technologies and Solutions

Everything from a single Source

Solutions



**Displays &
Touchscreens**



Embedded



Power



Energy



Wireless



Signal



Displays and Touchscreens

	LG Disply	DATA IMAGE	ONATION	SHENZHEN STARTER	EETI	YEEBO	DKE	WISECHIP	INOTOUCH	MILDEX	THE P-CAP	ILITEK	TOUCHNETIX	NEONODE	TSD
TFT Displays	•	•	•	•		•									•
OLED Displays	•							•							
Transparent Displays	•														
E-Paper Displays						•									
STN Displays						•									
PCAP Touchscreens	•	•	•	•		•			•	•	•				•
Holographic Touchscreens													•		
Infrared Touchscreens													•		
3D Touchscreens													•		
Haptic Touchscreens													•		
PCAP Controller					•							•	•		



Displays and Touchscreens

Selected Products



Optical Bonding



TFT-Displays from 2" to 98"



Energy saving Displays



Transparent OLED Displays



PCAP Touchscreens from 3,5" to 84"



Safety Key



Embedded

	KONTRON	AVALUE	EZURIO	SILICON MOTION	UDINFO	CERVOZ	HY-LINE
Single Board Computer	•	•	•				•
Industrial Motherboards	•	•					
Computer on Module	•	•	•				
Baseboards for Modules	•						•
Panel PC	•	•					•
Embedded Box PC	•	•					•
RAM					•	•	
SSD				•	•	•	
eMMC				•			
HDD					•	•	



Embedded

Selected Products



Single Board Computer



Industrial Motherboards (Mainboards)



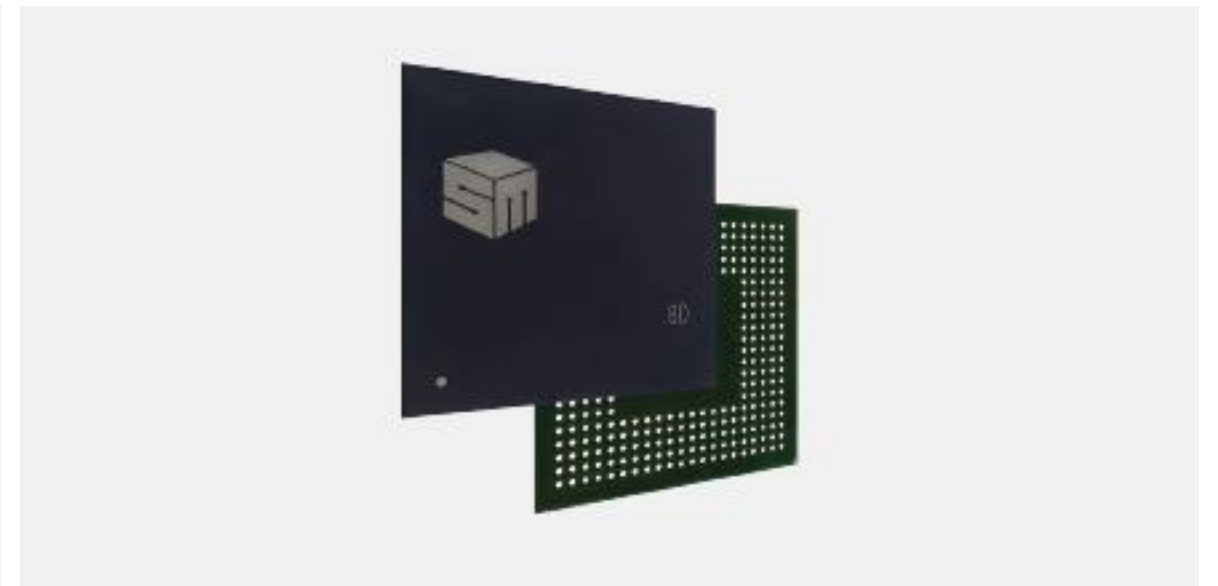
Computer on Module



Baseboards for Modules



Panel and Box PCs



Embedded Module and Chips



IoT and M2M Systems

	CAVLI	EMBIT	EZURIO	LANTRONIX	MULTITECH	INHAND NETWORK	OPTO22	SEMTECH	TOSIBOX	SITEC	TELIT CINTERION	SILEX
Tracking & Telematik				•		•				•		
IoT Connectivity, Cloud & Security VPN	•	•	•	•		•		•	•		•	•
Industrial Routers & Gateways				•	•	•		•			•	•
Mobile Communication Modems				•	•	•		•			•	
SPS / PAC Systeme							•					



IoT and M2M Systems

Selected Products



**GNSS/Mobile Communications Tracking
and Telematic**



**LoRaWAN Gateways
and Sensors**



**GNSS/Mobile Communications Tracking
and Telematic**



**Industrial 5G/4G
and LPWA Modems & Router**



**Wi-Fi/Bluetooth Router
and Gateways**



Wireless Modules and Semiconductors

	CAVLI	ELATEC	EMBIT	ENOCLEAN	EZURIO	LANTRONIX	MULTITECH	PANASONIC	RADIOMETRIX	SEMTECH	SILICON LABS	TELIT CINTERION	SILEX
Bluetooth		•		•	•			•			•	•	•
Mobile Communications /GNSS	•				•	•			•			•	
WiFi/WLAN					•	•		•			•	•	•
RFID & NFC		•						•					
Mesh Network				•				•			•		•
LPWA	•		•		•	•			•		•		
ISM/SRD				•	•			•					
Energy Harvesting				•									
Wireless MBus			•										
MCU									•				



Wireless Modules and Semiconductors

Selected Products



Mobile Communications 5G



Bluetooth 5



Wi-Fi / Bluetooth Combination



NB-IoT CAT-M1



RFID & NFC



Power Supply

	PHI-CON	ARCH ELECTRONIS	TDK LAMBDA	OMNION POWER	VOX POWER	POWERSYSTEM TECHNOLOGY	ADELSYSTEM	SFC
Converter Modules								
POL	•		•	•				
DC/DC Converter	•	•	•	•				
AC/DC Converter	•	•	•					
Built-in Power Supplies								
Open Frame	•	•	•	•				
Housing	•	•	•	•	•	•		•
DIN Rail			•				•	
19“ Rack Mount			•					
Configurable Power Supply			•	•	•	•		
Custom Power Supply						•		•
USV			•				•	



Power Supply

Selected Products



Converter Modules for PCB mounting



Brick Modules with integrated Heatsink



Configurable Power Supplies



Built-in Power Supplies

Energy Storage

	MASCOT	CADEX	EATON	MAXWELL	CSB BATTERY	HY-LINE
Smart Battery Systems HY-Di						•
Standard Batteries Li-Ion, Lead, NiMH					•	•
Chargers	•					•
Custom Battery Systems						•
Battery Analysis		•				•
Super Capacitors (Cells)			•	•		
Super Capacitors (Modules)			•	•		
Storage Systems			•	•		•
DC/DC Regulators						•



Energy Storage

Selected Products



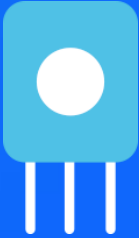
Standard Batteries and customized Systems



HY-Di Smart Battery Systems



Super Capacitors



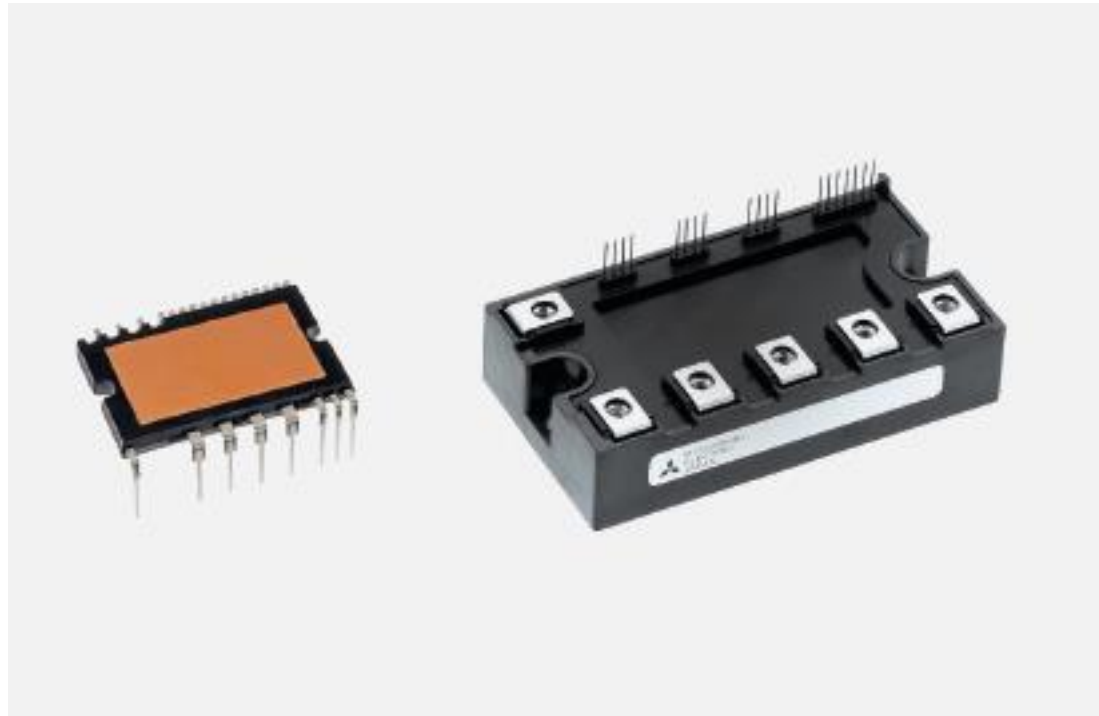
Power Electronics

	MITSUBISHI ELECTRIC	POWER INTEGRATIONS	MICROCHIP	POWERSEM	SIRIO	ICE COMPONENTS	ELECTRONICON	PHI-CON	NVE
Intelligent Power Modules (IPM)	•								
IGBT Modules	•		•	•					
SiC Modules	•		•	•					
IGBT, SiC Drivers		•							
IGBT-, SiC-Plug & Play Drivers		•	•						
Bridge Rectifier				•					
Discrete SiC, GaN Switches			•						
Film Capacitors							•		
Power Transformers					•				
DC/DC Regulators					•	•			
Drive Transformers					•	•			
Current Transformers Current Sensors									•
Power Supply DC/DC Converters								•	
Isolated Data Interfaces									•



Power Electronics

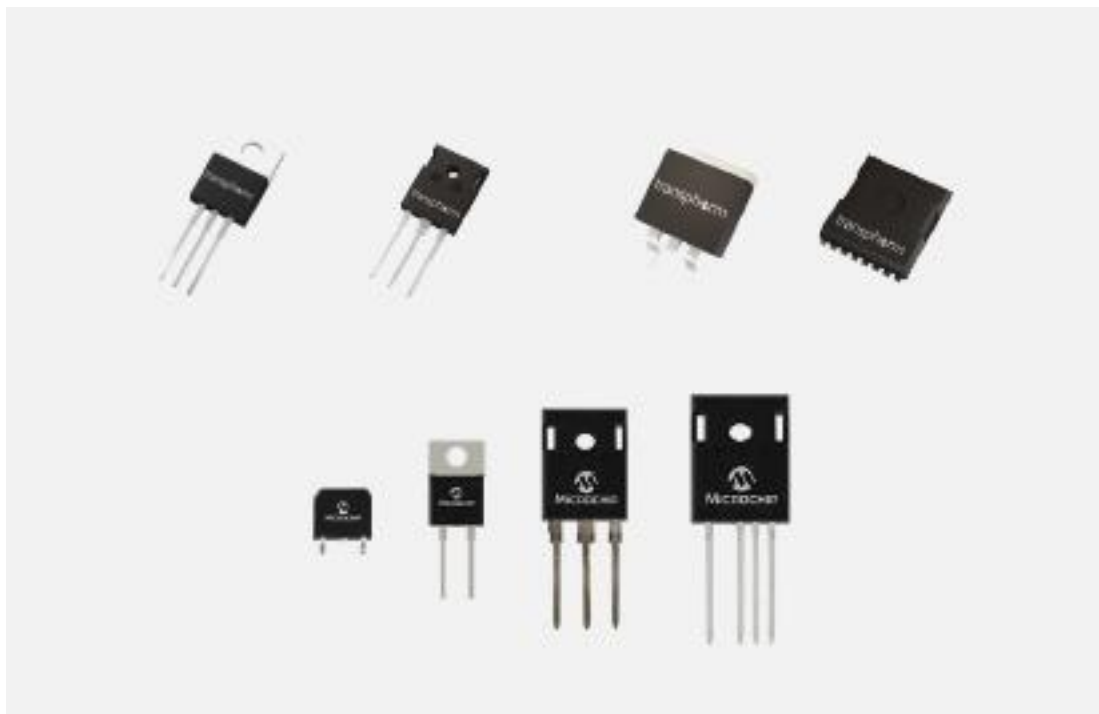
Selected Products



Intelligent Power Modules (IPM)



IGBT and SiC Modules with Driver Circuits



Discrete Power Switches



Additional Components around Inverter Design



Active and Passive Components

	NVE	EATON	SIRIO	MAXWELL	MICROCHIP	SILICON LABS	COMCHIP	TRANSFORM	AIC
Data Coupler	•								
Interface Coupler	•								
Current Sensors	•								
Inductive Components		•	•						
Super Capacitors (Cells)		•		•					
Protective Devices		•							
Sensors						•			

Semiconductor

Diodes							•		
GaN-FETs								•	
SiC Switches					•				
Linear Regulator									•
Switching Regulator					•				•
µController					•				



Active and Passive Components

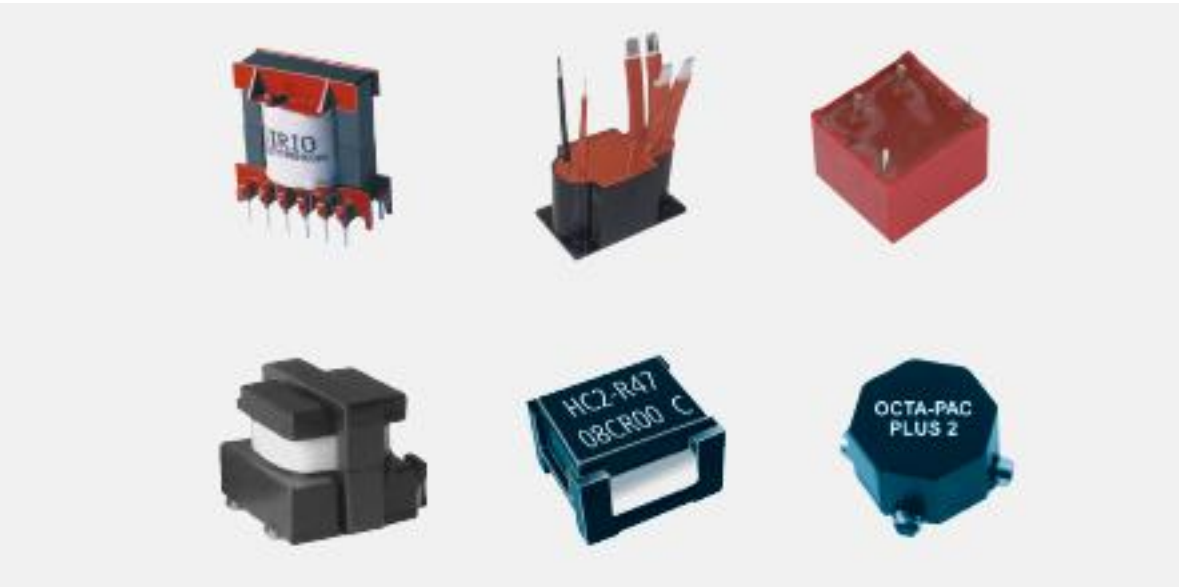
Selected Products



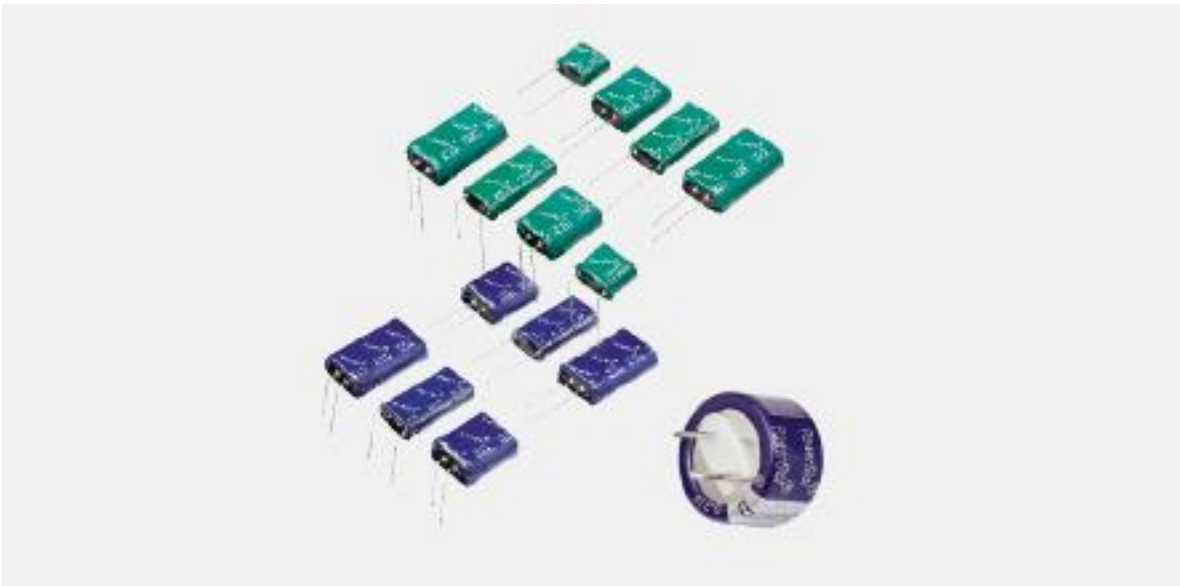
Data Coupler



Semiconductor Components



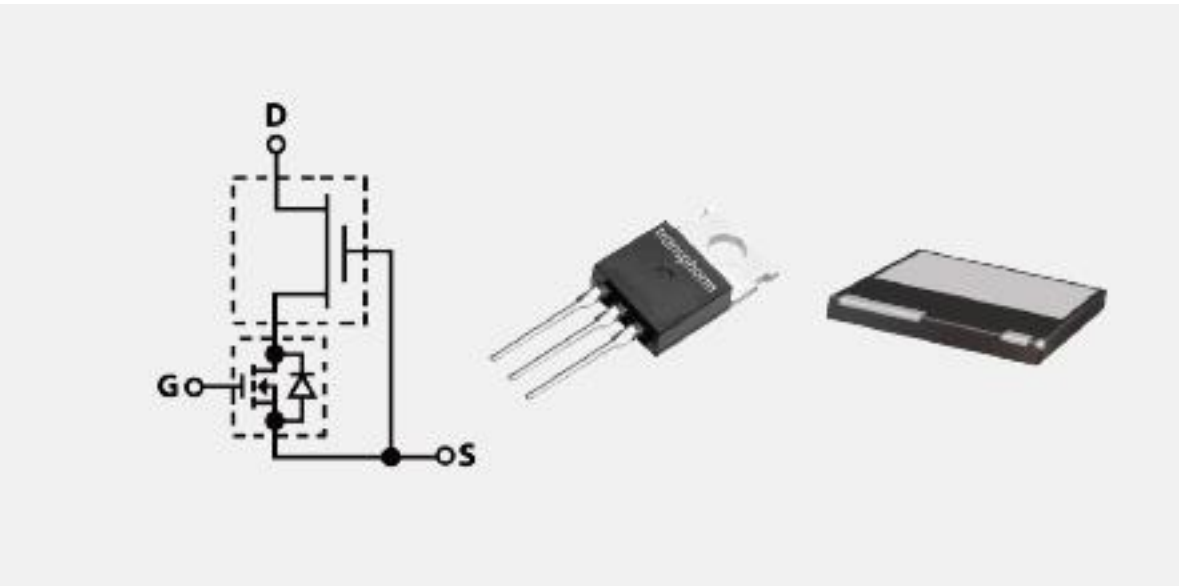
Inductors



Super Capacitors



Electronic Fuses



GaN HEMTs

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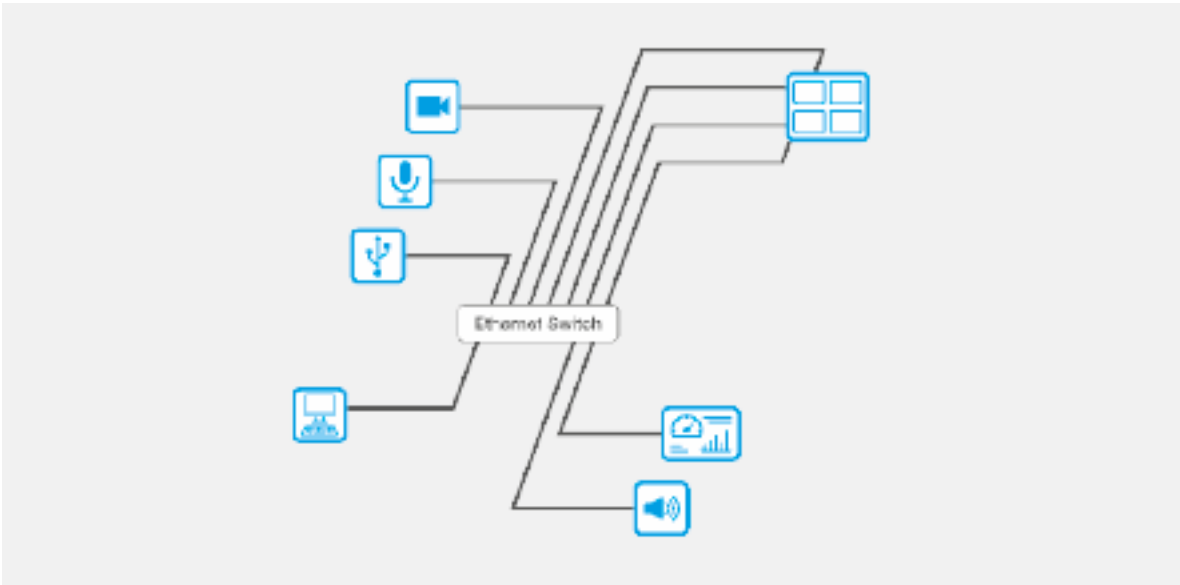
Signal Management

	OPTICIS	ADI ICRON	CYPRESS	SURE FIRE
Extender	•	•		
Konverter			•	
Splitter	•		•	
Scaler			•	
Matrix Router	•		•	
Switches			•	
Cable	•	•		•
Video over IP			•	



Signal Management

Selected Products



SDVoE



Transmitter and Receiver for SDVoE



Display Port and HDMI Extender



USB 3-2-1



USB-C Extender

