Analog & Power
Your Benefit – our Partners

With the following manufacturers, we present the leading brands for analog and power devices. We have almost 40 years experience in this special field. Profound product knowledge and system know-how make the difference. Our well-focused product specialists and application engineers with development experience possess high-level technical expertise.
Our ANALOG & POWER Partners

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TOSHIBA Products

One of the most famous discrete devices manufactures for MOSFETs, IGBTs and other power semiconductors.

MOSFETs

Wide product spectrum for almost every application.
► -100 V up to 900 V / <1 A up to 250 A

Automotive MOSFETs

Improved performance and reduced energy consumption.
► -100 V up to 100 V / 4 A up to 250 A

Discrete IGBTs

High ruggedness items and also devices for soft switching.
► 400 V up to 1800 V / 15 A up to 60 A

Voltage Regulators (LDOs)

Toshiba’s LDO regulators provide overcurrent protection, auto-discharge, thermal shutdown and inrush current limiting. Types with fixed and variable output voltages are available.
► Input 0.65 V to 15 V / Output 0.55 V to 5 V / 0.2 A to 1.5 A
Intelligent Power Devices (IPDs)
Small package and high power.
► 20 V up to 600 V / 1 A up to 8 A

Motor Controls
Innovated and cost effective products for reliable drives.
► DC motor driver up to 50 V / 10 A
► BLDC motor driver up to 45 V / 3.5 A
► Stepper motor driver up to 60 V / 5 A

SiC Diodes
SiC Schottky barrier diodes help reduce the energy consumption and improve the power efficiency.
► 650 V / 2 A up to 24 A

Photocouplers
Direct drive of IGBT, IPM and MOSFET, with up to 6 A output current.
MITSUBISHI ELECTRIC Products

The largest module manufacturer with in-house development departments for IGBT technology, package design and driver ICs.

MITSUBISHI ELECTRIC power semiconductors ensure greater efficiency and lower power consumption.

**IGBT Modules**

Wide product range with different packages and topologies (e.g. 3-Level) for almost any application.

- 600 V up to 1700 V / 35 A up to 2500 A

**High Voltage IGBTs & Diodes**

As the first company worldwide, MITSUBISHI was awarded with the IRIS certification (International Railway Industry Standard).

- 1700 V up to 6500 V / 200 A up to 2400 A

**Intelligent Power Modules (IPMs)**

With integrated protection functions to improve the reliability and to secure the highest life time for your application.

- 600 V, 650 V and 1200 V / 25 A up to 800 A

**DIPIPMs / MISOPs**

Different package size of ultra-compact transfer mold modules for cost saving designs.

- 500 V, 600 V and 1200 V / 2 A up to 75 A

**High Voltage Driver ICs**

High integrated devices with different topologies and with excellent under-shoot reliability.

- 600 V and 1200 V / 0.1 A up to 3.5 A
The SILICON LABS digital isolation product portfolio leverages superior isolation and high voltage expertise to enhance power system performance, flexibility and reliability while reducing system size and cost.

**Digital Isolators**

The SILICON LABS family of CMOS digital isolators gives designers the ability to create lower cost, smaller size, higher performance, lower power, and more reliable isolated circuits than competing optocoupler solutions.

- One- to eight-channel
- Bi- and unidirectional
- Isolation ratings of 1 / 2.5 / 3.75 and 5 kV<sub>RMS</sub>

**Isolated Gate Drivers**

The SILICON LABS ISOdriver product family offers ultra-fast propagation delays for better timing margins and also rock-solid operation over temperature and time.

- Isolation ratings of 1 / 2.5 / 3.75 and 6 kV<sub>RMS</sub>
- Integrated DC-DC converter with feedback control for tight load and line regulation

**Isolated FET Drivers**

The SILICON LABS Si8751/52 FET driver offers a simple way for customers to replace solid-state relays (SSRs) or electromagnetic relays (EMRs).

- Digital CMOS pin control or diode emulation
- Flexible outputs to support driving AC or DC load configuration
- Full certification to UL, CSA, VDE and CQC
SG MICRO Products

Specialized in high performance, high quality Analog IC designs and offers innovative solutions for broad range of applications in industrial, medical and consumer markets.

Operation Amplifier & Comparator

SG MICRO provides a broad portfolio of high performance CMOS OpAmps which leave customers a wide choice of linear solutions delivering superior performance at a reasonable cost.

- Nano power - IQ < 1 µA
- High precision
- Low noise
- High Speed

Analog Switch

The analog switch family provides industry’s broadest switches.

- Low on-resistance – as low as 0.4 Ω
- High speed – up to 600 MHz
- High voltage – up to 40 V
- Multi-channel

Power Management IC

These low power, high efficiency and cost effective ICs are widely used in portable consumer electronics, medical devices and wearable electronics.

- DC/DC converters (charge pump)
- Standalone Li-ion battery chargers
- High Reliability LDOs
- Over voltage protection ICs
- Motor Drivers
ABLIC Products

Analog semiconductor products will play a more critical role in the accelerated shift to electronically enhanced automobiles and an IoT (Internet of Things) connected society. ABLIC provides customers high-quality semiconductor products and optimal solutions that meet customer needs.

Li-ion Protection ICs

Safe and protection ICs for Lithium-ion rechargeable batteries.

- 1 cell to multi cell solutions for primary and secondary protection
- Voltage and overcurrent monitoring

Voltage Detectors (Reset ICs)

Low current consumption and high accuracy.

- Detection voltage range from 0.8 V to 10 V

Voltage Regulators (LDOs)

Voltage regulators contribute to the low current consumption, stable operation and high reliability of power supply circuits.

- Input 1.2 V to 50 V / Output 1 V to 16 V

Switching Regulators (DC-DC Converters)

Low voltage operation and high speed response.

- Input 0.9 V to 16 V / Output 0.7 V to 6.5 V

ABLIC also offers Composite ICs, Power Sequencer, Boost Charge Pump ICs, RTCs, Hall Switch ICs as well as automotive specified semiconductors.
TAMURA Products

Over 80 years of experience supporting his customers engaged in industrial, consumer and medical applications.

DC-DC Power Supplys

Use this DC-DC solution to provide your own build driver solution with the right power.

- Input voltage range DC
  13 V up to 28 V
- Output voltage DC
  15 V / -15 V, 15 V / -10 V, 18 V / -4 V, 18 V / -2 V

Driver Modules

Low profile driver modules for safe and reliable IGBT and SiC module operation.

- Dead time controllable in half bridge mode
- Desaturation protection

Driver Units

Use the Plug & Play units for shortest time to market designs with industrial standard Econopack (2in1) and PrimePack modules.

Power Modules

The integration of key devices – transformers, control circuits and semiconductor switches – into a single package allows easy design of power supplies with a small number of components.

- Input voltage range DC
  110 V up to 450 V
- Output voltage DC
  3.3 / 5 / 12 / 15 / 24 V
GLYN maintains fair business relationships with customers as well as with selected manufacturers. Long-standing partnerships, good contacts at all levels and a high turnover ranking secure opportunities for you. Our network is available to our partners.

Lean structures, fast decision-making processes and modern cooperative management methods are your advantage. Our speed and reliability make way for your head start in your sophisticated market.
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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.

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