

■ COMPONENT PORTFOLIO 2025

# CURATED ELECTRONIC COMPONENTS FOR CRITICAL SYSTEMS.

BRUECKENBAUER organizes component supply around engineering risk: thermal behavior, sensing accuracy, lifecycle availability, compliance and project continuity.

PRODUCT GROUPS

**08**

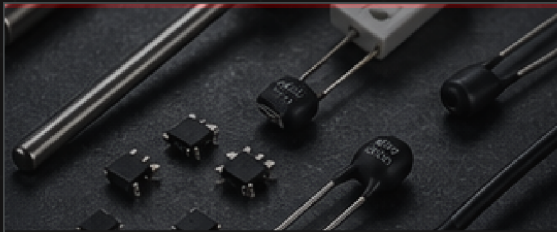
APPLICATIONS

**09**

SUPPLY MODE

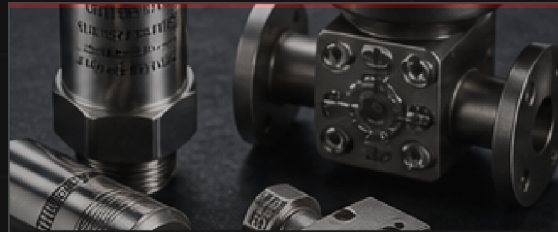
**RFQ**

# EIGHT GROUPS. ONE SOURCING LOGIC.



## TEMPERATURE SENSORS

NTC, thermistor, thermocouple and custom high-temperature sensing assemblies.



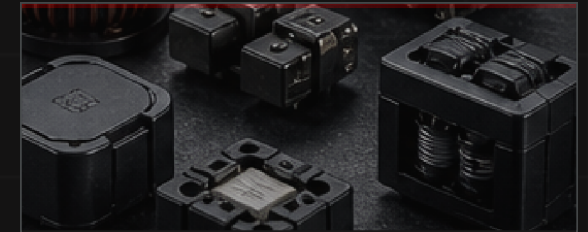
## PRESSURE & FLOW SENSORS

Pressure transmitters, ultrasonic flow meters, gas sensing, gauges and level telemetry.



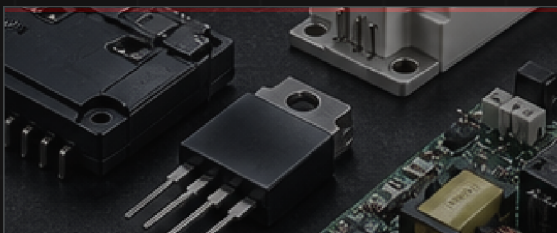
## CURRENT & POSITION SENSORS

Clamp-on current sensing and rotary, encoder and potentiometer position platforms.



## EMC COMPONENTS

Chokes, filters, inductors and transformers for controlled electromagnetic behavior.



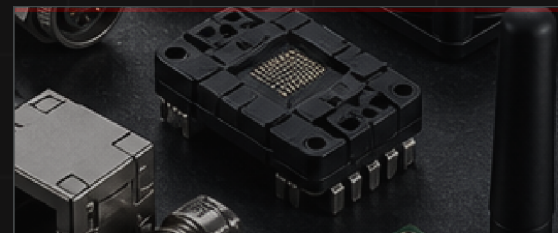
## POWER MANAGEMENT

IGBT, SiC, MOSFET, converter and power supply components for engineered systems.



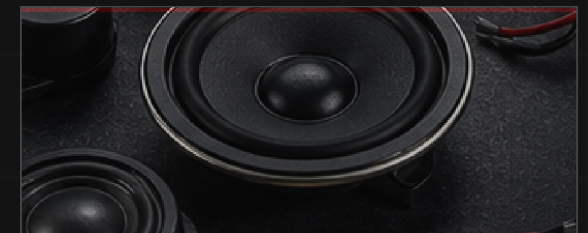
## PASSIVES

Resistors, capacitors, MLCC packages and quartz timing components.



## ELECTROMECHANICS

Connectors, cables, ventilation, card readers, sockets and wireless interface hardware.



## ACOUSTICS

Buzzers, microphones, receivers, speakers, piezoelectric and magnetic acoustic transducers.

# MEASUREMENT COMPONENTS FOR THERMAL, PRESSURE, FLOW, CURRENT AND POSITION DATA.

Sensing components define how reliably a system understands its operating state. The portfolio supports industrial, medical, appliance, mobility and building automation environments.

## TEMPERATURE

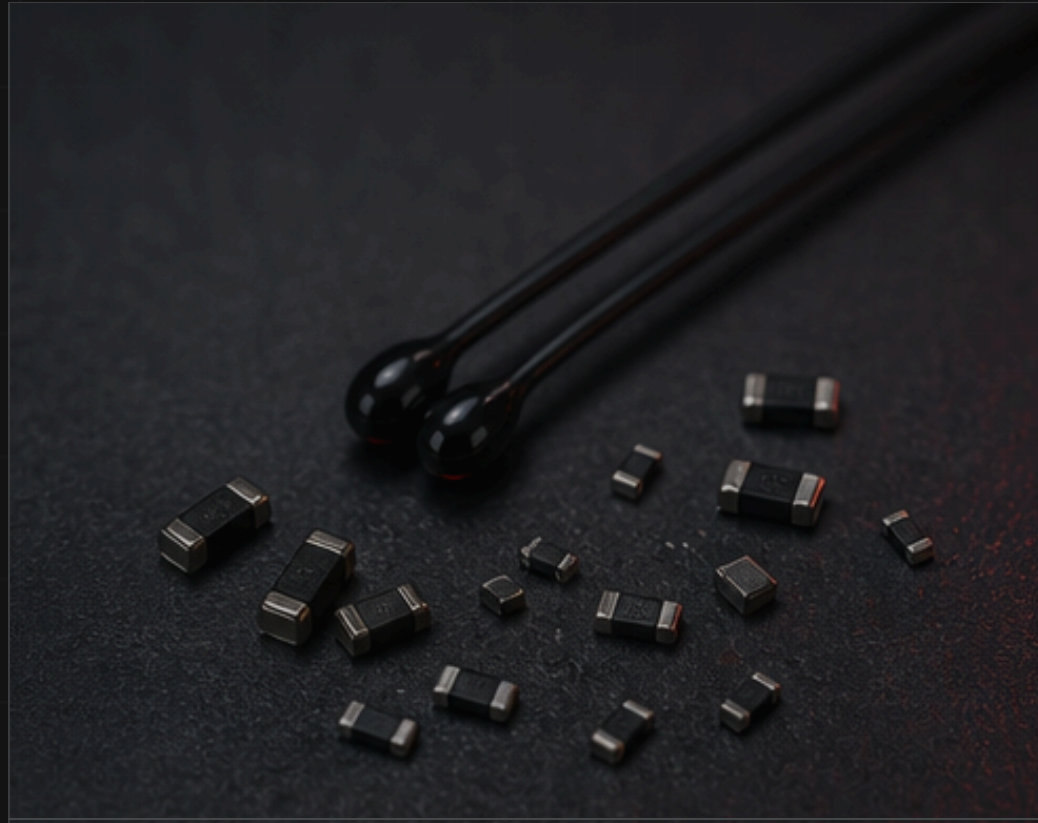
Chip NTC, thermistors, waterproof probes, custom sensors and thermocouples.

## PRESSURE & FLOW

Transmitters, ultrasonic meters, gas sensors, level and flow switching.

## CURRENT & POSITION

Clamp-on, busbar, PCB current sensing and motion telemetry.



# CONTROL THE ELECTRICAL BEHAVIOR BEFORE IT BECOMES A SYSTEM-LEVEL PROBLEM.

Power management and electromagnetic compatibility components carry disproportionate risk in compact, high-efficiency electronics. BRUECKENBAUER frames these categories as design-in decisions, not commodity purchasing.

## IGBT / SIC / MOSFET

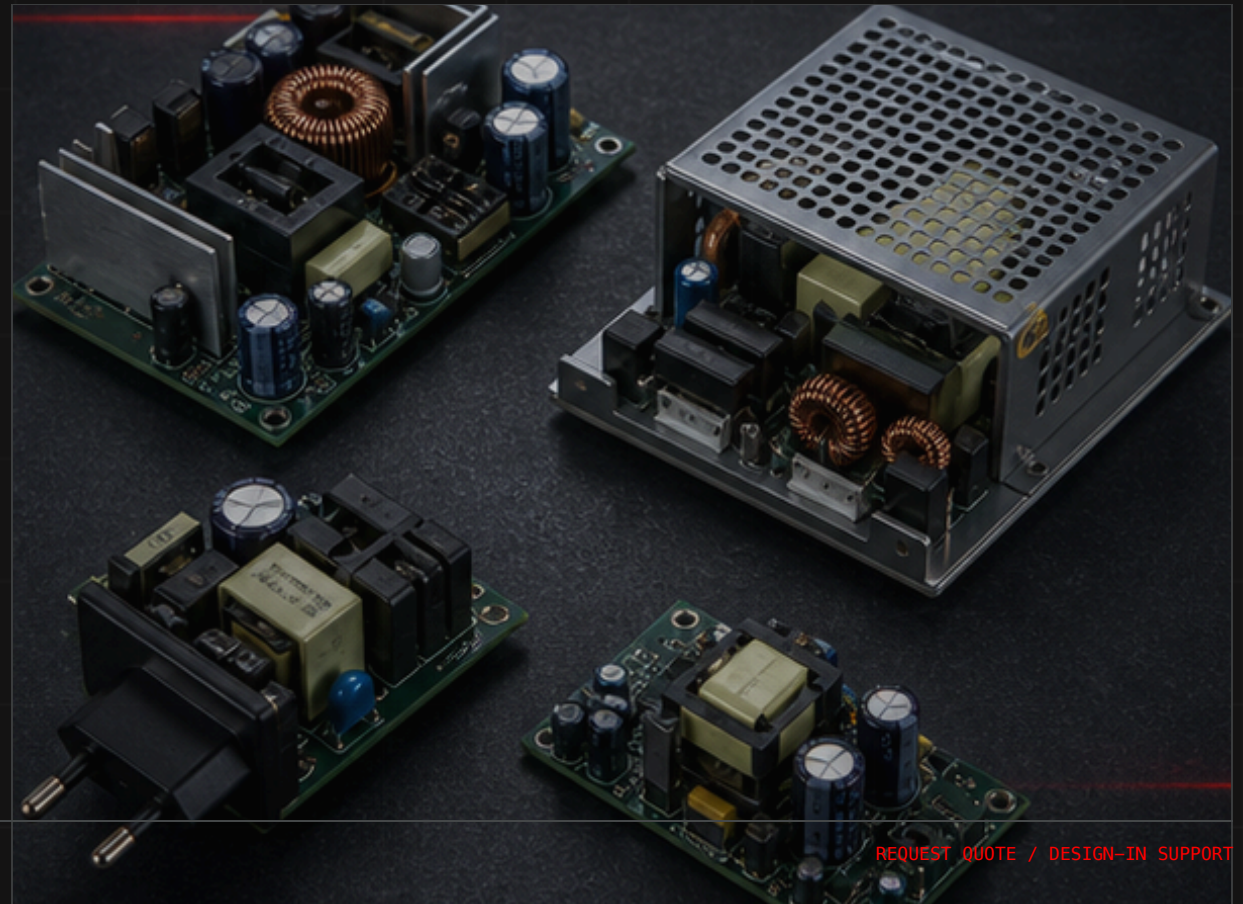
Specified against voltage, switching, thermal, safety and lifecycle requirements.

## CONVERTERS / SUPPLIES

Specified against voltage, switching, thermal, safety and lifecycle requirements.

## CHOKES / FILTERS / INDUCTORS

Specified against voltage, switching, thermal, safety and lifecycle requirements.



# PORTFOLIO VALUE IS PROVEN IN APPLICATION FIT.

## APP-01 / AEROSPACE & DEFENSE

Traceable high-reliability components for avionics, space, military electronics and ground systems.

## APP-02 / AUTOMOTIVE & TRANSPORTATION

AEC-Q focused supply for drive electronics, ADAS, battery systems, charging and connectivity.

## APP-03 / BUILDING AUTOMATION

Components for smart metering, lighting control, access, safety and building management systems.

## APP-04 / E-MOBILITY & BATTERY

Power conversion, BMS, onboard chargers, telematics and vehicle control electronics.

## APP-05 / HOME APPLIANCES

Durable compact electronics for white goods, motor control, sensing and efficient power delivery.

## APP-06 / HVAC

Heating, ventilation, refrigeration, air quality and smart-control component programs.

## APP-07 / INDUSTRIAL

Automation, drives, industrial communication, sensing and power distribution components.

## APP-08 / MEDICAL & HEALTHCARE

Reliable parts for diagnostics, monitoring, therapy, laboratory systems and wearables.

## APP-09 / RENEWABLE ENERGY

Power electronics, conversion and sensing for PV, wind, storage and grid-support systems.

# SPECIFY. SOURCE. QUALIFY. SUPPORT.

## DEFINE THE REQUIREMENT

Clarify technical constraints, approvals, lifecycle exposure and operating environment.

## BUILD THE SOURCING PATH

Map component options, supplier routes, samples, documentation and RFQ logic.

## SUPPORT THE PROGRAM

Coordinate special procurement, series supply, traceability and obsolescence planning.