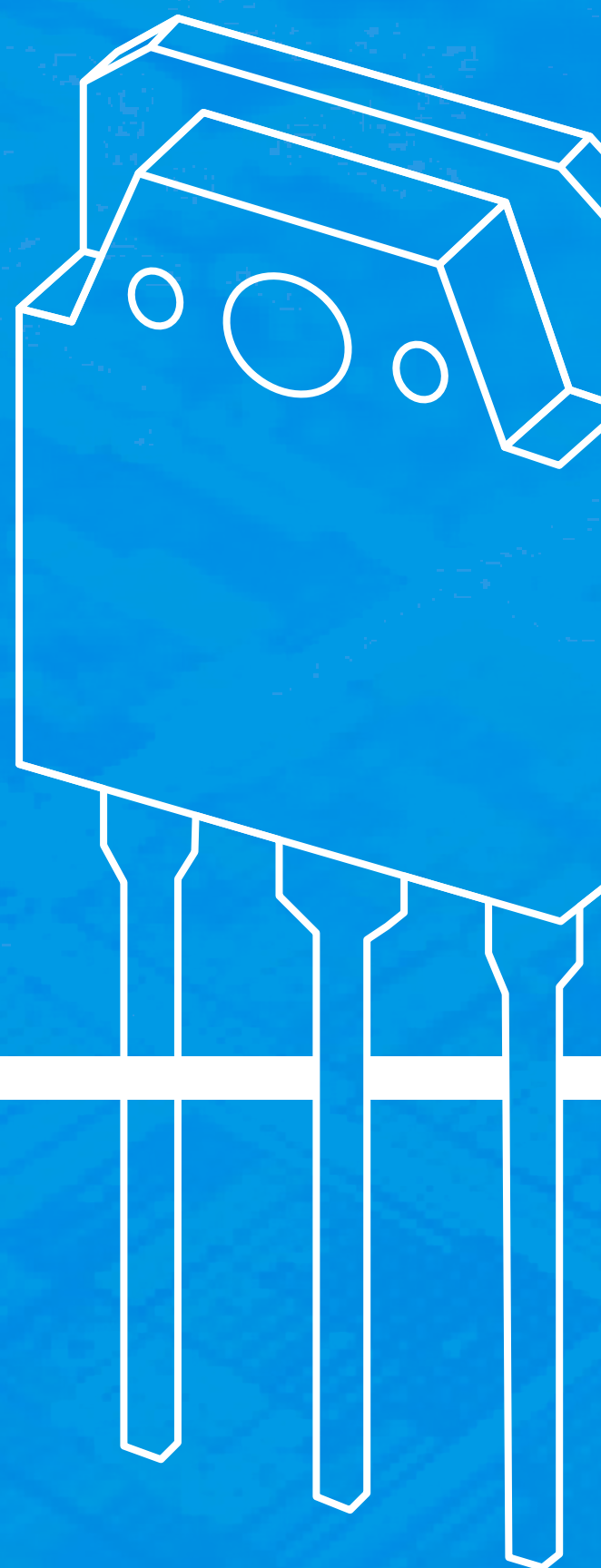
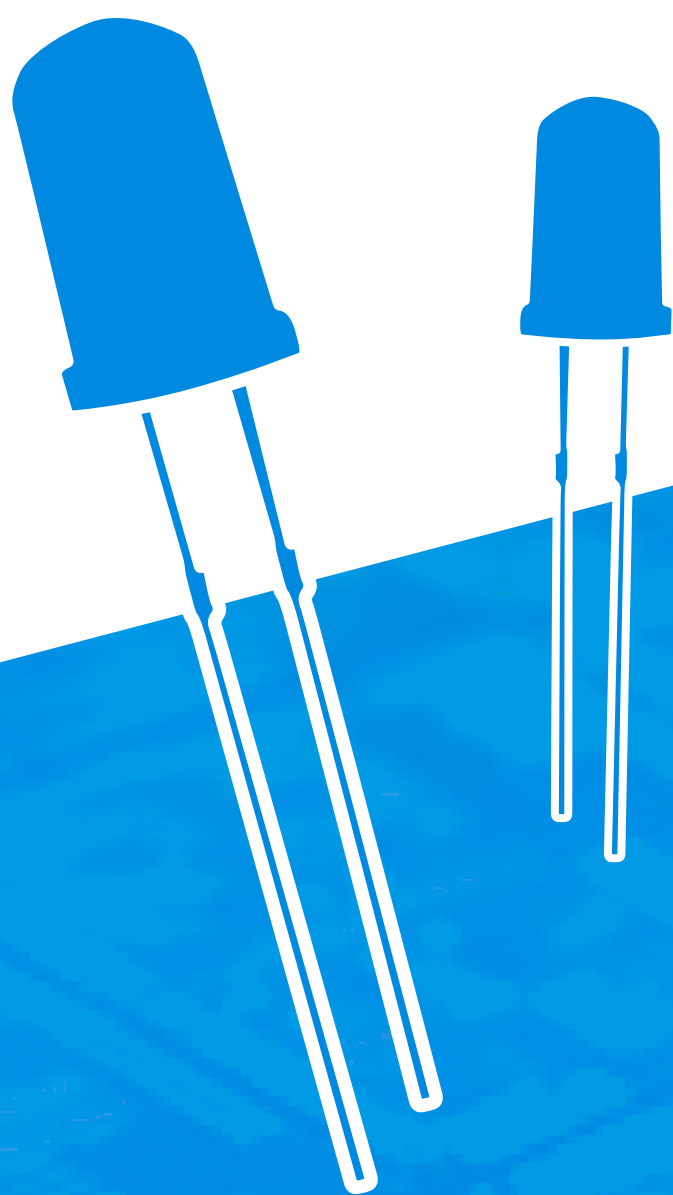


SABRE

Distributing solutions, delivering promises



2023

Product Line Card

SABRE



- Motor Drivers
- Current Sensors, Hall Effect switches, Cam/Crank shaft Sensors IC
- Clear Power Modules (LED Driver, Regulator), LED Drivers, Regulators (Single/multiple Output)
- Isolated Gate Drivers



- Linear Regulator (CMOS LDO, DDR Bus Terminator)
- DC DC (LV, HV Buck Converter, Boost Converter)
- Power/Load Switch (Slew Rate, USB OCP)
- uP Supervisory (Voltage Detector, uP Reset), Charger (Linear, Car)



- Diode/Rectifier, Transient Voltage Suppressor, ESD/EMI Protector
- Bare Die (Schottky, Diode, TVS, Zener, MOSFET wafers)
- Digital Transistors, MOSFET (HV, SiC, GaN)
- Power Management Drive (LED Drivers)



- Infrared Component (Emitter, UV Emitter, Sensor, Photo Diode/Interrupter/Transistor)
- Photo Coupler, Photo Triac, Isolated IGBT driver
- LED
- uP Supervisory chip



- Intelligent IT & IoT Solutions
- Network Switches, Media Converters
- IoT External Gateways, Telematics
- Embedded GNSS modules



- Microcontroller 8051 MCU, ARM Core
- Smart Home Audio, Audio CODEC, Audio and Speech Controllers
- Image Sensor 3D TOF, DSP (HMI Display, Audio), ISP for Camera
- Battery (Battery Monitoring IC / Panasonic BMS)



- Ferrite (SMD Beads, Core), Magnetic shields
- Inductors (Magnetic Ring, Magnetic bead, Shielding, Power)
- Transformer (High Power Planar), Wireless Charging Coil
- Dip Switches



- Military / Defense – High reliability discrete and Power Module
- Commercial Aerospace / Space Launch Vehicles – High reliability discrete and Power Module
- Medical – Ultrafast Rectifiers, TVS Die Products
- Superclam TVS, High Power Lightning Strike Protection

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- Jitter Cleaners/Network Synchronizers, Clock Generators, MHz Oscillators
- Programmable OCXOs, Precision MHz Super TCXOs, Ruggedized Oscillators/TCXOs
- 32.768 kHz Oscillators, uPower Oscillators 1Hz to 26MHz
- Resonators



- Discrete: Bridge Schottky Rectifiers, TVS Arrays, ESD Protection Devices
- Silicon Carbide Products: Discrete SiC (MOSFETs & Schottky Diodes), Bare Die SiC (MOSFET & Schottky Diodes)
- Wafer Dice and Flip Chip – TVS Die GPP/Planar, Trench Schottky, Flip Chip



- Photo interrupters (Transmissive & Reflective)
- Image sensors, Dust sensors, Distance sensors (ToF, DMS)
- Power Isolation Photo Coupler (Photo Transistor, Solid State Relay), Laser Diodes
- Mems Mic (Automotive, Consumer)



- EMI Filters, Multi-Layered Dielectric Filters (RF and IF)
- LC Filters/ Coaxial Dielectric Filters
- Couplers (Hybrid, Directional, Power Dividers)
- Capacitors (Chip Mica)



- Ferrite Chip Bead, Chip Inductor
- Shielded Power Inductor, SMT Power Inductor, Choke
- Wireless Charging coil
- Automotive (EMC Components, Magnetics Components, Transformer)



- Current Sensing (Metal Film Resistors, Chip Current (High Power) Resistor)
- ESD (Suppressor, Ultra Low Capacitance Suppressor)



- Mobile Dram (Pseudo SRAM, HYPERRAM™, LP SDR SRAM, LP DDR 2/3/4 SDRAM)
- Specialty DRAM (SDRAM, DDR, DDR2, DDR3 SRAM)
- Code Storage Flash Memory (Serial NOR, QspiNAND, SLC NAND, Octal)
- TrustMe® (Secure Flash Memory, Secure Memory Element)



- Current Sensing Resistor (Metal Film / Foil / Shunt)
- DPC (Direct Plate Copper) Ceramic Substrate
- ECC (Electrode Casting Copper) Ceramic Substrate