



#### MOSFETs

N-Channel MOSFETs in 5 mm x 6 mm Asymmetric PowerPAK®, Rated at 20 V, 60/20 A per Leg, 3.7 m& / 8.8n&

- TrenchFET® power MOSFET
- AEC-Q101 qualified

[SQJ200EP](#)



#### CERAMIC CAPACITORS

AEC-Q200 Qualified for High Frequency Circuits With Ultra Stable Dielectric Material, Broad Range of Sizes and Working Voltages



- Case size 0402, 0603, 0805, 0505, 1111
- High frequency

[GA...31M Automotive HiFREQ MLCCs](#)

#### POWER ICs

Automotive 125 °C Analog Switch, Dual DPDT / Quad SPDT



- 1.8V to 5.5 V single supply operation
- Low resistance: 0.37  $\mu$ p. at 2.7 V

[DGQ2788A](#)

#### RESISTORS

Ultra Precision Thin Film Chip Resistors, Tolerance down to 0.02 %, TCR down to 2 ppm/K, 0402 to 1206 Case Sizes



- Low temperature coefficients and tight tolerances
- Excellent overall stability < 0.05 % (1000 h rated power at 70 °C)
- Sulfur resistance verified according to ASTM B 809

[TNPU e3](#)

#### INDUCTORS

Haptic Feedback Actuators



- Solenoid construction provides high
- impulse vibration for clear tactile feedback in noisy environments
- Actuator can drive a 0.5 kg load to 6 g's of acceleration with a 12 V, 5 ms pulse

[IHPT-1411AF-AB0](#)

#### TVS PROTECTION DIODES

3.6 kW Unidirectional PAR® TVS Diodes



- Junction passivation optimized design passivated anisotropic rectifier technology
- $T_J = 175$  °C capability suitable for high reliability and automotive requirement

[SM5S Series](#)

#### TVS PROTECTION DIODES

5 kW Unidirectional PAR® TVS Diodes



- Junction passivation optimized design passivated anisotropic rectifier technology
- $T_J = 185$  °C capability suitable for high reliability and automotive requirement
- Available in uni-directional pol

[5KASMC Series](#)

#### MOSFETs

P-Channel MOSFETs in 5 mm x 6 mm PowerPAK®, Rated at -12 V, 3.3 m&



- TrenchFET® power MOSFET
- AEC-Q101 qualified

[SQJ123ELP](#)

#### RESISTORS

Power Metal Plate™ Current Sense Resistors, 10 m& to 500 m&, 2 W



- 2010 and 2512 size package
- Ideal for all types of current sensing and pulse applications including switching and linear power supplies, instruments, power amplifiers, shunts, power inverters, and battery management

[WFMA2010](#)