

# Powered by Service

Complete Discrete Semiconductor Solutions

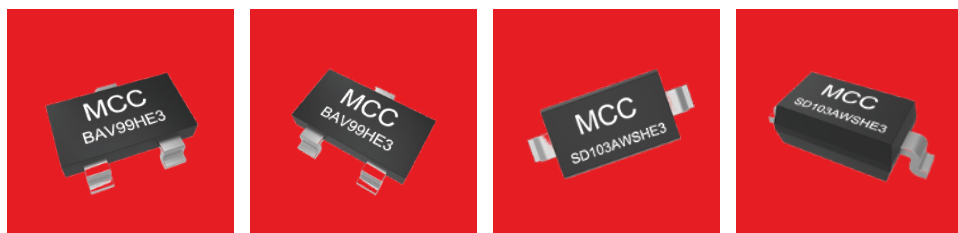
## SOD & SOT Series with Automotive Specification

MCC is extending its automotive portfolio with several new components in SOD-123, SOD323, SOD-123FL, SOD-523 & SOT-23 packages. In these packages, MCC is offering most common small signal devices like switching diodes, zener diodes, standard & schottky rectifiers, NPN & PNP transistors and N + P channel MOSFETS.



Most common part numbers are 1N4148X, MMBT3904/3906, MMBT5401/5551, BAS19/20/21/40, BC807/817/840, BC846/856, BAT54, BAV99/W, B0530/0540, SD103AW and various zener diodes.

The part numbers of MCC's AEC-Q devices have added "HE3" at the end. (Example: BAV99**HE3**-TP, SD103AWS**HE3**-TP)



These small signal devices are required in several car applications, like lighting, infotainment, camera devices, display (HUD), instruments, BMS and BCM.

### Key Features:

- AEC-Q101 Qualified
- Halogen Free. "Green" Device
- Moisture Sensitivity Level 1
- Lead Free Finish/RoHS Compliant
- Epoxy Meets UL 94 V-0 Flammability Rating

### Key Applications:

- Automotive Lighting
- Car Infotainment
- Camera & Display Devices, HUD
- Instruments
- BMS & BCM

