

# **JEDEC STANDARD**

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## **General Requirements for Authorized Distributors of Commercial and Military Semiconductor Devices**

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### **JESD31E**

(Revision of JESD31D.01, September 2012)

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**JEDEC SOLID STATE TECHNOLOGY ASSOCIATION**



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## GENERAL REQUIREMENTS FOR AUTHORIZED DISTRIBUTORS OF COMMERCIAL AND MILITARY SEMICONDUCTOR DEVICES

(From JEDEC Board Ballot JCB-03-48, JCB-10-57, and JCB-16-48, formulated under the cognizance of JC-14.4 Subcommittee on Quality Processes and Methods and the JC-13 Committee on Government Liaison.)

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### 1 Scope

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This standard identifies the general requirements for Authorized Distributors that supply Commercial and Military products. This standard applies to all discrete semiconductors, integrated circuits and Hybrids, whether packaged or in wafer/die form, manufactured by all Manufacturers.

The requirements defined within this document are only applicable to products for which ownership remains with the Authorized Distributor or Manufacturer.

Unique additional requirements associated with the distribution of military semiconductor devices are defined within clause 4.

Annex A provides an Audit Checklist that may be used to verify conformance to this standard.

The purpose of this standard is to establish the requirements for Distributors of Commercial and Military semiconductor devices who stock, process (value-added), kit or repackage product.

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### 2 Related documents

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The following specifications and standards of the latest issue, revision or amendment, form a part of this document to the extent specified herein.

ANSI/ESD 20.20, *Protection of Electrical and Electronic Parts, Assemblies, and Equipment (Excluding Electrically Initiated Explosive Devices)*

ANSI/NCSL Z540-1, *Calibration Laboratories and Measuring and Test Equipment - General Requirements*

JESD625, *Requirements for Handling Electrostatic-Discharge Sensitive (ESDS) Devices*

MIL-PRF-38534, *General Specification for Hybrid Microcircuits*

MIL-PRF-38535, *General Specification for Integrated Circuits Manufacturing*

MIL-PRF-19500, *General Specification for Semiconductor Devices*

MIL-STD-750, *Test Methods for Semiconductor Devices*

MIL-STD-883, *Test Method Standard Microcircuits*

ISO-9001, *Quality Management Systems – Requirements*

IPC/JEDEC J-STD-020, *Moisture/Reflow Sensitivity Classification for Nonhermetic Sold State Surface Mount Devices*