

NEDA PUBLICATION

Guidelines for the Format of Military Certificates of Conformance

NIGP 107.00

February 1996

NATIONAL ELECTRONIC DISTRIBUTORS ASSOCIATION

Industry Guidelines

NOTICE

NEDA Industry Guidelines and Publications contain material that has been prepared, progressively reviewed, and approved through various NEDA-sponsored industry task forces, comprised of NEDA member distributors and manufacturers, and subsequently reviewed and approved by the NEDA Board of Directors. After adoption, efforts are taken to ensure widespread dissemination of the guidelines. Documents are reviewed and updated as needed.

NEDA Industry Guidelines and Publications are designed to serve the public interest including electronic component distributors through the promotion of uniform and consistent practices between manufacturers and distributors resulting in improved efficiency, profitability, product quality, safety, and environmentally-responsible practices. Existence of such guidelines shall not in any respect preclude any member or non-member of NEDA from adopting any other practice not in conformance to such guidelines, nor shall the existence of such guidelines preclude their voluntary use by those other than NEDA members, whether the guideline is to be used either domestically or internationally.

NEDA does not assume any liability or obligation whatever to parties adopting NEDA Industry Guidelines and Publications. Each company must independently assess whether adherence to some or all of the guidelines is in its own best interest.

Inquiries, comments and suggestions relative to the content of this NEDA Industry Guideline should be addressed to NEDA headquarters.

Published by

NATIONAL ELECTRONIC DISTRIBUTORS ASSOCIATION 1111 Alderman Drive, Suite 400 Alpharetta, GA 30005 (678) 393-9990

Copyright 1996

Printed in U.S.A.

All rights reserved

NEDA thanks the following distributors and manufacturers for their participation in developing these guidelines:

Advanced Micro Devices
Allegro Microsystems, Inc.
Analog Devices
Arrow Electronics, Inc.
Avnet, Inc.
Bell Industries, Inc.
Harris Semiconductor
Hewlett-Packard Co.
Intel Corp.
Lucent Technologies
Marshall Industries

Motorola SPS
National Semiconductor Corp.
Pioneer-Standard Electronics, Inc.
Texas Instruments-Semis.
Unitrode Integrated Circuits Corp.
Wyle Electronics

1.0 PURPOSE

The intention of this document is to provide distributors and manufacturers with a recommended format for military certificates of conformance. This format is designed to be used by companies that do not have an information system solution. For those companies that do have an information system solution, this document will identify the data elements and allow companies that are modifying their systems to follow the guidelines.

2.0 <u>SCOPE</u>

Although compliance with these guidelines is voluntary, its common use is expected and encouraged. These guidelines may be specified as a requirement by either a distributor, manufacturer, or customer. Military specifications, regulations of the Interstate Commerce Commission, or other regulatory agencies supersede this document, where applicable.

3.0 REFERENCE DOCUMENTS

- Military Specification 129: "Military Standard Marking for Shipment and Storage"
- Military Specification 883: "Military Standard Test Methods and Procedures for Microelectronics"
- Military Performance 38535: "General Specifications for Integrated Circuit (Microcircuits) Manufacturing"

4.0 DEFINITIONS

- 4.1 MANUFACTURER NAME: Name of the company who made the integrated circuit.
- 4.2 MANUFACTURER ADDRESS: Address of the Manufacturer referenced in the "Manufacturer name" field.
- 4.3 MFG. CAGE CODE: Commercial and Government Entity (CAGE) code assigned by the United States Department of Defense per Military Standard 129 and Military Performance 38535.
- 4.4 CUSTOMER NAME: Name of the company who purchased the material from the Manufacturer.
- 4.5 CUSTOMER ADDRESS: Address of the company referenced in the "Customer name" field.
- 4.6 CUSTOMER PURCHASE ORDER NUMBER: Number given to a supplier by the customer for customer's purchasing reference.

- 4.7 DEVICE TYPE: Ordering part number as requested by the customer.
- 4.8 SMD#: Standardized Military Drawing part number as issued by the Defense Electronics Supply Center (DESC) which conforms to the "Generic Device Type." Only used if applicable.
- 4.9 LOT NUMBER: Manufacturer's reference that identifies and tracks the batch through the final ship point of the manufacturing process.
- 4.10 DATE CODE: Manufacturer's date code as defined by Military Performance 38535.
- 4.11 QUANTITY: Quantity of devices in the shipment or individual lot number as defined by the Manufacturer.
- 4.12 SOLDER RETEST DATE: Date at which the latest retest for solderability test was performed. Only used if applicable.
- 4.13 COUNTRY OF ORIGIN: Represents the country of encapsulation (follows the U.S. Customs' definition).
- 4.14 STATEMENT OF CONFORMANCE: Paragraph that states the material was built to various military requirements and may be variable per each.
- 4.15 AUTHORIZED SIGNATURE: Signature of the individual who has completed the document. Signing authority assigned per Military Performance 38535.
- 4.16 DATE: Calendar date when the document was generated.

5.0 FORMAT

MILITARY CERTIFICATE OF CONFORMANCE

Manufacturer name		
Mfg. CAGE code _		
Customer name Customer address		
Customer purchase orde	er number	
Device type		
SMD # (if applicable)		
Lot number	Date code	
Solder retest date(if appli	icable)	
Country of Origin (assem	bled in)	
This is to certify that all i and conform in all respe applicable to the above-	an example, each manufacturer to modify as necessary tems included in this shipment have been inspected to the specifications and requirements referenced purchase order in accordance with M and JEDEC Publication 109.	cted
Authorized signature	Date	