

ENGINEERING PRACTICE STUDY  
PROJECT NUMBER: 5998-2009-050

TITLE:

Review of Non-Government Standard IPC-D-350  
to Determine the Validity of Its DoD Adoption.

22 June 2009

FINAL REPORT

Prepared by:

David Corbett

ATTCH 3

I. OBJECTIVES: The objective of this study was to review reference document sections of all Federal Stock Classes (FSC) documents for guidance on retaining non-Government standard IPC-D-350 as viable and appropriate for citing in electronic component standardization documents.

II. BACKGROUND: IPC-D-350, "Printed Board Description in Digital Form", was adopted on 6 July 1978 and the DoD notice of adoption has been revised two times since that date (revision C on 11 February 1989 and revision D on 30 January 1993). IPC-D-350 was developed and published by its non-Government standard body (NGSB), the IPC - Association Connecting Electronics Industries. The NGSB committee responsible for IPC-D-350 does not meet regularly and has been inactive for many years. This study is part of a 5-year review of the DoD adoption notice for validity and accuracy, since the NGS document has already been adopted for use by the DoD.

III. RESULTS: A review using ASSIST to search for use of IPC-D-350 within DoD standardization documents resulted in one direct reference. The NGS is referenced in MIL-STD-1840 "Automated Interchange of Technical Information". IPC-D-350 is also used as a reference within various DoD adopted design standards for printed boards. A review of the actual notice of adoption that is on the ASSIST web site uncovered mistakes in much of the information regarding out dated information for both the title of the NGS, the NGSB and the DSCC point of contact data, and the notice also needs to be brought up to the current document format.

IV. CONCLUSION: Based on its citation within MIL-STD-1840, its usage by design activities, printed board manufacturers, and contract service providers, IPC-D-350 is a valued design related document that benefits the DoD standardization program.

V. RECOMMENDATION: IPC-D-350, "Printed Board Description in Digital Form", should continue to be available for citing by DoD standardization documents and for acquiring activities. Therefore, the adoption notice for IPC-D-350 shall be retained as an active, valid document. Attachment 1 is the DESC prepared notice of adoption submitted to DAPS in 1978. Attachment 2 is the document that is currently available on the ASSIST web site. An updated notice of adoption with should be generated and forwarded to DAPS with current NGSB and DoD contact data. Attachment 3 is a proposed draft highlighting the errors and corrections that should be made to the notice of adoption for IPC-D-350.

ACCEPTANCE NOTICE

The above Industry Standardization Document was adopted on 6 July 1978 and is approved for use by the DoD. The indicated industry groups have furnished the clearances required by existing regulations. Copies of the document are stocked by DoD Single Stock Point, Naval Publications and Forms Center, Philadelphia, Pennsylvania for issue to DoD activities only.

Title of Document: Printed Board Description in Digital Form

Date of Specific Issue Adopted: 1 August 1977

Releasing Industry Groups: The Institute for Interconnecting and Packaging  
Electronic Circuits  
American National Standards Institute

Custodians:

Army — EL  
Navy — EC  
Air Force — 17

Military Coordinating Activity:

Army — EL

Agent:

DLA — ES

Review activities:

Army — MI, AR  
Navy — AS, SH  
Air Force — 11  
NSA/S2  
DLA — ES

Project No. 5999-0091

User activities:

Army —  
Navy — OS  
Air Force —

FSC 5999

**ADOPTION NOTICE**

IPC-D350, "BOARD, PRINTED, DESCRIPTION IN DIGITAL FORM", was adopted on 30-JAN-93 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Defense Supply Center Columbus, P.O. Box 3990, Attn: DSCC-VAI, Columbus, OH 43216-5000. Copies of this document may be purchased from the IPC - Association Connecting Electronics Industries 2215 Sanders Road Northbrook, Illinois, United States, 60062-6135. <http://www.ipc.org/>

**Custodians:**

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

**Adopting Activity:**

DLA - CC

**Reviewer Activities:**

Army - MI  
Navy - NW

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IPC-D-350, "~~BOARD PRINTED, DESCRIPTION IN DIGITAL FORM~~ Printed Board Description in Digital Form", was adopted on ~~06-AUG-92~~ 6 July 1978 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Defense Logistics Agency, Defense Supply Center Columbus, P.O. Box 3990, Attn: ~~DSCC-VAI~~ DSCC-VAC, Columbus, OH 43218-3990. Copies of this document may be purchased from the IPC - Association Connecting Electronics Industries ~~2215 Sanders Road, Northbrook, Illinois, United States, 60062-6135~~, 3000 Lakeside Drive, Suite 309 S, Bannockburn, IL 60015-1249 or <http://www.ipc.org>.

## Custodians:

Army - CR  
Navy - EC  
Air Force - ~~14~~ 85  
DLA - CC

## Adopting Activity:

DLA - CC

## Reviewer Activities:

Army - MI  
Navy - NW

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.