



Minutes of P-10 Committee on Integrated Passive Devices

Tuesday 18 October, 2005

Doubletree

Memphis, Tennessee

P-10 Committee's Scope:

Will provide technical support and develops standards and specifications for electronic devices using mixed passive product technologies and diodes that perform a passive function, e.g., a) resistors and capacitors; b) resistors and diodes; c) resistors, capacitors, and inductors.

These devices may be discrete components that are “integrated” on a common substrate (hybrid) or in a carrier formed by a common manufacturing process (monolithic).

Activities also include the generation of terms and definitions, review of specifications, establishment of new specification criteria, and maintenance of existing criteria relating to these devices.

To accomplish these functions, the committee maintains liaison with and uses technical information from other standards development organizations (SDOs), government agencies, industry, various professional organizations, participating members, and guests.

Attendees:

	<u>NAME</u>	<u>COMPANY</u>
Terry	Charles	Panasonic
Bill	Gisseler	TDK
Michael	Griffith	KOA
Mike	Lauri	IBM
Ray	Lehman	Vishay
Carl	Lindquist	San-O Industrial Corp
Len	Metzger	Panasonic
Ed	Mikoski	EIA/ECA
Kory	Shroeder	Stackpole

The meeting was called-to-order at 11:15 am by newly elected Chairman Michael Griffith

1.0 Introductions

Self-introductions were made,

2.0 Committee Organization and Procedures

2.1 Membership and Attendance

Attendance was taken, and it was determined that a quorum was present.

<u>Member Organizations Present</u>	<u>Present at meeting?</u>	<u>Present at previous meeting?</u>
IBM	Y	Y
KOA	Y	Y
Panasonic	Y	Y
San-O Industrial Corp	Y	Y
Stackpole	Y	N
Vishay	Y	Y

<u>Member Organizations Absent</u>	<u>Present at meeting?</u>	<u>Present at previous meeting?</u>
KEMET	N	Yes
Mini-Systems	N	Y
Yageo	N	Y

*Not counted in determination of quorum due to committee member inactivity

<u>Other Organizations Present</u>
EIA/ECA

2.2 Approval of Agenda

The Committee unanimously accepted the Agenda as presented.

2.3 Approval of Minutes

The committee unanimously accepted the minutes from May 2005 meeting

2.4 Correspondence

No correspondence was received.

3.0 Old Business

3.1 Ballot of PN4996 (IPD Chipscale) to be a published document

The core voting list voted unanimously to approve PN4996 for publication. Michael Griffith to Format PN4996 to EIA/ECA requirements and submit to ECA for publication.

Core Voting List
 Kory Shroeder (Stackpole)
 Ray Lehman (Vishay)
 Mike lauri (IBM)
 Len Metzger (Panasonic)
 Carl Lindquist (San-O Industrial Corp)
 Michael Griffith (KOA)

3.2 Review & resolve comments, from comment ballot, for PN5096 (IPD Application Guidelines).

PN5096 was mistakenly published as EIA/ECA 957. A new PN5120 was introduced to review this document. A motion was submitted and the core voting list unanimously approved to send this out for 30 day SP ballot. All Ballots will be returned to the newly elected chairman Michael Griffith

Core Voting List
Kory Shroeder (Stackpole)
Ray Lehman (Vishay)
Mike lauri (IBM)
Len Metzger (Panasonic)
Carl Lindquist (San-O Industrial Corp)
Michael Griffith (KOA)

3.3 Review Status of PN4944 (RC test spec)

PN4944 was published as EIA/ECA-959 on June 2005

3.4 Review additional IPD Circuit Registration Requests

No new IPD registrations have been received. Ted Coler (Vishay) is to provide a contact name so that Vishay can start registering IPD's. Mike Griffith to e-mail Ted for contact information.

3.5 Review update to CB-19

All members were present at S-1 meeting and no further review of this document is required. See S-1 October 2005 minutes for status of updated CB-19

3.6 PDP-100 mechanical Outlines

Draft 4 of mechanical outline has been introduced. The mechanical outlines will be redone to this draft and submitted to P-4. It is planned to have this completed by Spring 2006 meeting. This will be performed by Michael Griffith

3.7 Five Year Document Review

-EIA/ECA800 needs to have PN so this document can be reviewed and updated.
Michael Griffith to submit PN form

-EIA/ECA850 needs to have PN so this document can be reviewed and updated.
Michael Griffith to submit PN form

3.8 Other business

Michael Griffith was unanimously voted in as the new Chairman of P-10

4.0 New Business

5.0 Next Meeting

The next ECA meeting will be held in Ft. Lauderdale, FL in Spring 2006. The Fall 2006 is Reno.

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6.0 Adjournment

The meeting was adjourned at 11:45 AM.

This meeting was conducted in accordance with the EIA Legal Guidelines and the Manual of Organization and Procedures.

Michael Griffith
Chairman

Michael Griffith
Acting Secretary