



# ***JEDEC***

*Global Standards for the Microelectronics Industry*

***MEMBERSHIP***

*Participate. Innovate. Succeed.*

## Past, Present and Future

JEDEC was created in 1958 as part of an alliance with the Electronic Industries Association (EIA) to develop standards for the then-emerging semiconductor industry. In 1999, JEDEC was incorporated as an independent association, adopting the name: JEDEC Solid State Technology Association.

Over the next 50 years, JEDEC's work expanded into developing test methods and product standards that proved vital to the development of the semiconductor industry. Among the landmark standards that have come from JEDEC committees are:

- The ESD (electrostatic discharge) symbol used worldwide on semiconductor devices.
- Specifications for computer memory, ranging from dynamic RAM chips and memory modules to DDR synchronous DRAM and flash components. The standardization of these components is a key foundation upon which today's successful PC and server industry was built.
- Development and publication of a manual of common terms and definitions for the semiconductor industry.
- Standards, publications and educational events addressing the migration to lead-free manufacturing processes. One result of this work – J-STD-020 – is one of the most popular standards in JEDEC history.

Today, JEDEC remains the technical voice for the solid-state, microelectronics and associated industries. In response to the rapidly evolving global marketplace, JEDEC continues to build consensus and create standards which are open, accessible and developed quickly to meet industry demands. JEDEC committees provide industry leadership in standards development for a broad range of technologies, including joint standards and liaisons with other organizations.

As solid-state and microelectronics technology advances, JEDEC will continue to play an influential role. The future of the industry is the future of JEDEC: semiconductors are the enablers of the digital revolution, and that revolution is only beginning.

## Best Practices in Setting Standards

Over the years, JEDEC has earned a reputation for upholding the industry's most fair, efficient and economical process for developing standards. Recognized for excellence, JEDEC's standards-setting process serves as a model for other industries.

Members choose from over 50 committees and subcommittees in which to participate. Gathering several times a year in world-wide locations, these committees address the varied needs of the industry, including discrete solid state devices, integrated circuits, electronic modules, various manufacturing support functions and more.

### Technology focus areas include:

- Main Memory: DDR3 & DDR4 SDRAM
- Flash Memory: SSDs, UFS, eMMC™
- 3D-ICs
- Mobile Memory: LPDDR2, LPDDR3, WideIO, Memory MCP
- Related Device, Package, Reliability and Test Methods
- Quality and Reliability of Solid State Products
- Lead-Free Manufacturing Processes

Visit [www.jedec.org](http://www.jedec.org) for the latest news and updates on JEDEC standards development activity and a complete list of active committees and subcommittees.

## Web-Based, Paperless Process

JEDEC's online member access to all showings and meeting minutes and web-based voting process accelerate the speed with which standards can be developed. On the restricted members' only website, members can submit proposals, review and influence proposals from others, participate in focused task groups, access all showings and ballots and vote on proposed standards.

JEDEC's process offers member companies, regardless of size, parity in voting rights with a "one-company, one-vote" rule.

Upon committee approval, finalized standards proposals are submitted to the Board of Directors for approval – with published standards made available on the JEDEC website free of charge.

## We Are JEDEC

**JEDEC is the global leader in developing open standards for the microelectronics industry, with more than 3,000 volunteers representing some 300 member companies.**

JEDEC brings manufacturers and suppliers together to participate in more than 50 technical committees and subcommittees, with the mission to create standards to meet the needs of every segment of the industry.

JEDEC invites participation on a worldwide basis, and the involvement of key technical experts from most device, assembly, system and testing companies enables JEDEC to publish technical standards with high value.

JEDEC's collaborative efforts ensure product interoperability, benefiting the industry and ultimately consumers by decreasing time-to-market and reducing product development costs.

The publications and standards generated by JEDEC committees are accepted throughout the world, and help promote global trade by enabling healthy, high-volume markets to flourish. All JEDEC standards are available for free download at [www.jedec.org](http://www.jedec.org).

## Be Involved—Become a Member Today

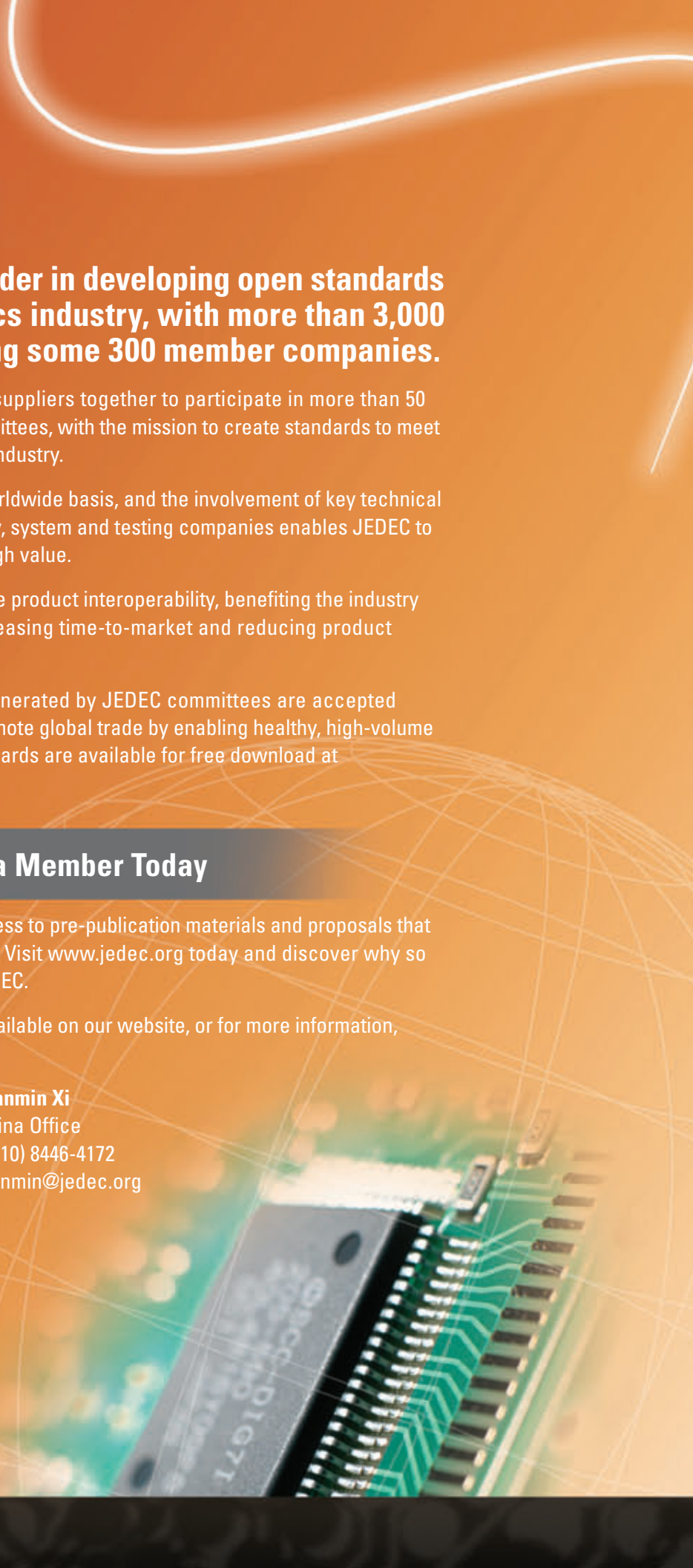
JEDEC members have valuable access to pre-publication materials and proposals that put them ahead of the competition. Visit [www.jedec.org](http://www.jedec.org) today and discover why so many companies choose to join JEDEC.

Applications for membership are available on our website, or for more information, please contact:

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***[www.JEDEC.org](http://www.JEDEC.org)***



## Company Representation is Critical

JEDEC's member companies reside on the "inside track" of the industry as they influence, mold and approve standards. A company's participation in JEDEC's committee meetings states their intentions toward industry leadership and provides:

- Economic benefits: saving money and time by understanding and influencing the industry's roadmap
- Insight into regulatory directions, such as RoHS in Europe
- Technological insight, competitive advantage and influence
- Valuable business relationships and industry contacts, including a wide range of potential customers and suppliers

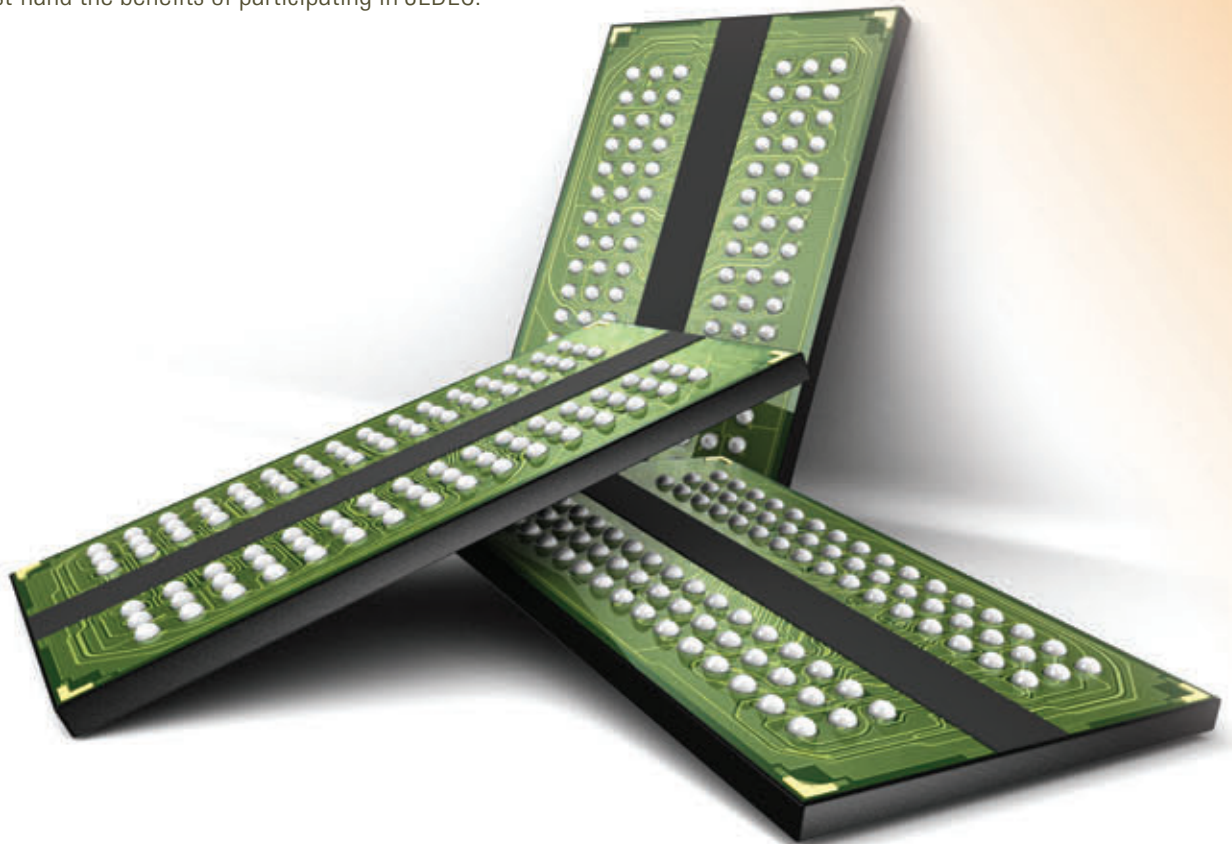
## Membership Eligibility

Any company, organization, consumer, or individual conducting business that itself or through a related entity manufactures electronic equipment or electronics-related products, or provides electronics or electronics-related services is eligible for membership. With prior approval of the committee chair, a company representative may attend a committee meeting as a guest to see first-hand the benefits of participating in JEDEC.

## Member Representative Advantages

Many engineers initiate the opportunity to represent their organization, adding to their own value as they:

- Become counted among worldwide industry colleagues driving the standards setting process
- Benefit from the opportunity to both influence standards development as well as gain early access to emerging standards
- Establish a network of industry contacts, creating lasting alliances
- Sharpen skills and stay ahead of industry trends by sharing knowledge and participating in continuing education conferences
- Access JEDEC's members' only website featuring JEDEC confidential meeting minutes, committee showings, online voting system and more
- Partner with JEDEC staff to navigate resources, member services and other benefits





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*...and gain valuable access to pre-publication materials  
and proposals that put you ahead of the competition.*

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