



3103 NORTH 10TH STREET
SUITE 240 SOUTH
ARLINGTON, VA 22201-2107
PH 703.907.7540 | FX 703.907.7583
WWW.JEDEC.ORG

PRESS RELEASE

FOR IMMEDIATE RELEASE

Contact:
Emily Desjardins
703-907-7560
emilyd@jedec.org

JEDEC to Set Solid State Drive Standards in 2009 Calls for Global Industry Participation

Arlington, VA - November 17, 2008 – [JEDEC](http://www.jedec.org), the global leader in standards development for the microelectronics industry, is inviting companies worldwide to participate in standards development work being conducted by JEDEC's JC-64.8 subcommittee for Solid State Drives.

In May 2008, the subcommittee, co-chaired by Seagate and Micron, held its first meeting to address the standards development needs of the emerging SSD market. With active support from the leading industry companies, work has advanced at a rapid pace, and a task group of the subcommittee recently held a face-to-face meeting hosted by Microsoft in Redmond, WA. Meeting participants developed an outline of critical areas for SSD standardization, including:

- Endurance
- Retention
- BER/UBER (bit error rate/uncorrectable bit error rate)
- Environmental/temperature
 - Ambient non-condensing
 - Altitude
 - Solder reliability
- Capacity
- Performance/workload
- Power – idle, standby, power-up
- Form factor
- Drive statistics
- Reliability (MTBF vs AFR)
- Command operations
 - Encryption
 - Secure erase

“It’s clear that the industry must adopt comprehensive standards for solid state drives to ensure complete confidence in the quality and reliability of SSDs,” said Mian Quddus, Chairman of the JEDEC Board of Directors. He added, “JEDEC is bringing companies from all over the world together to collaborate on the SSD standards development in a time-efficient manner.”

While work has commenced, JEDEC recognizes that significant portions of key proposed documents need to be created without delay in order to meet the pressing need for comprehensive SSD standards.

More

Work will involve various JC-64 subcommittees, JEDEC committees JC-11, JC-14 and JC-16, and external standards organizations such as the T10 and T13 technical committees of the InterNational Committee for Information Technology Standards (INCITS), the Serial ATA International Organization (SATA-IO), The International Disk Drive Equipment and Materials Association (IDEMA), Storage Networking Industry Association (SNIA), and others. JC-64.8 will begin holding face-to-face meetings nearly every month beginning in January, following a regularly scheduled committee meeting on December 1, 2008.

JEDEC strongly encourages all interested parties to contact the JEDEC office at 703-907-7560 to become involved with SSD standards development.

Company Quotes:

Anne Tsou, Associate VP, [Allion](#), said, "Allion applauds the SSD standardization work being undertaken by JEDEC. In fact, we view JEDEC standards work and Allion's SSD compliance testing program as complementary. Allion and JEDEC have common consensus and Allion is ready to support JEDEC's standard with the expertise of certification testing."

Dean Klein, VP of Memory System Development, [Micron](#), said, "Micron is confident that there is great strategic value to the industry for JEDEC, a leading standards organization, to take the initiative on solid state drive standards. JEDEC has the right experience, process and industry support to fulfill this role."

Frank Shu, Sr Program Manager, [Microsoft](#), said, "Microsoft is committed to supporting the development of quality industry standards for SSDs within JEDEC."

Kevin Lee, vice president, technical marketing for [Samsung Semiconductor, Inc.](#), said, "Samsung is 100 percent behind open industry standardization. We see standardization through JEDEC as the best way to coalesce key industry players around critical SSD specifications in the most timely and productive manner."

Steffen Hellmold, VP Marketing and Business Development, Memory Products for [Seagate](#), said, "SSDs offer a growth opportunity, expanding the overall storage market, but we need to establish widely adopted industry standards through our work within JEDEC to assure customer confidence in Solid State Drives as reliable storage solutions within real world environments."

About JEDEC:

JEDEC is the leading developer of standards for the solid-state industry. Almost 3,300 participants, appointed by some 295 companies work together in 50 JEDEC committees to meet the needs of every segment of the industry, manufacturers and consumers alike. The publications and standards that they generate are accepted throughout the world. All JEDEC standards are available online, at no charge. For more information, visit www.JEDEC.org.

#####