

# SEMI Staff Report

December 2021

v3

# SEMI Global 2021 Calendar of Events



Event Name	Event Details
<b>SEMICON<sup>®</sup></b> <b>WEST</b>	December 7-9 San Francisco, CA/USA
<b>SEMICON<sup>®</sup></b> <b>JAPAN</b>	December 15-17 Tokyo, Japan
<b>SEMICON<sup>®</sup></b> <b>TAIWAN</b>	December 28-30 Taipei, Taiwan

# Upcoming NA Meetings



Event Name	Date / Venue
<b>NA Standards Spring Meetings</b>	<b>March 28-31, 2022</b> <b>SEMI HQ in Milpitas, California</b>
<b>SEMICON West</b>	<b>July 11-14, 2022</b> <b>San Francisco, California</b>

# Critical Dates for SEMI Standards Ballots



2021	Ballot Submission Deadline	Voting Opens	Voting Closes
Cycle 9	November 16	November 30	December 30
2022			
Cycle 1	January 5	January 19	February 18
Cycle 2	February 1	February 15	March 17
Cycle 3	March 9	March 23	April 22
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<https://www.semi.org/en/collaborate/standards/ballots>

# Style Manual update

- Style Manual (November 1, 2021)
  - New Appendix 5
    - Table A5-1 Restricted Biased Terms with Approved, Alternative, Bias-Free Terms

<i>Restricted Biased Terms</i>	<i>Approved, Alternative, Bias-free Terms</i>
blacklist	blocklist, denylist, droplist
master	primary, main, leader, active
slave	secondary, replica, follower, standby
webmaster	web product owner
whitelist	allowlist, accesslist, permitlist

- Table A5-2 Biased Terms to Avoid with Approved, Alternative, Bias-Free Terms

[https://www.semi.org/sites/semi.org/files/2021-11/Style%20Manual%20Version%208\\_November%201%2C%202021\\_final.pdf](https://www.semi.org/sites/semi.org/files/2021-11/Style%20Manual%20Version%208_November%201%2C%202021_final.pdf)

# SEMI Standards Publications



- Total SEMI Standards in portfolio: **1,056**
  - Includes 297 Inactive Standards

Cycle	New	Revised	Reapproved	Withdrawn
August 2021	4	3	0	0
September 2021	0	5	6	0
October 2021	1	2	3	1
November 2021	3	7	7	1

# SEMI Standards Publications



- New Standards

Cycle	Designation	Title	Committee	Region
August 2021	SEMI A4.1	Specification for the Automated Test Equipment Tester Event Messaging for Semiconductors (TEMS)	Automated Test Equipment	NA
August 2021	SEMI D82	Test Method for Viewing Angle of Flat Panel Displays	FPD – Metrology	KO
August 2021	SEMI F116	Guide for Drain Segregation for Semiconductor Manufacturing Tools to Support Site Water Reuse	Liquid Chemicals	NA
August 2021	SEMI M90	Test Method for Bulk Micro Defect Density and Denuded Zone Width in Annealed Silicon Wafers by Optical Microscopy After Preferential Etching	Silicon Wafer	JA



# SEMI Standards Publications

- New Standards cont.

Cycle	Designation	Title	Committee	Region
October 2021	SEMI C103	Guide for Reporting Performance Parameters of the Chemical Mechanical Planarization (CMP) Conditioning Disks Used in Semiconductor Manufacturing	Liquid Chemicals	NA
November 2021	SEMI E183	Specification for Rich Interactive Test Database (RITdb)	Automated Test Equipment	NA
November 2021	SEMI E186	Specification for Location and Dimensions for Power Connectors and EtherCAT ports in Mass Flow Controllers and Mass Flow Meters	Gases	NA
November 2021	SEMI D74	Guide for Measuring Dimensions of Plastic Films/Substrates	FPD - Materials & Components	JA



# SEMI Standards Publications



- Inactive Standards (as of November 30, 2021)

Committee	Number of Inactive Standards
Assembly & Packaging	68
Automated Test Equipment	2
Compound Semiconductor Materials	4
Environmental Health & Safety	8
Facilities	14
FPD – Equipment	5
FPD – Factory Automation	14
FPD – Materials & Components	13
Gases	18

# SEMI Standards Publications



- Inactive Standards (as of November 30, 2021) Cont.

Committee	Number of Inactive Standards
Information & Control	37
Liquid Chemicals	26
MEMS	4
Metrics	12
Micropatterning	30
Photovoltaic	3
Physical Interfaces & Carriers	25
Silicon Wafer	12
Traceability	8



# Thank You