

SEMI Staff Report

March 2022

v5

SEMI Global 2022 Calendar of Events



Event Name	Event Details
SEMICON[®] CHINA	June 15-17 Shanghai, China
SEMICON[®] SOUTHEAST ASIA	June 21-23 Penang, Malaysia
SEMICON[®] WEST	July 12-14 San Francisco, CA
SEMICON[®] TAIWAN	Sept 14-16 Taipei, Taiwan
SEMICON[®] EUROPA	Nov 15-18 Munich, Germany
SEMICON[®] JAPAN	Dec 14- 16 Tokyo, Japan

Critical Dates for SEMI Standards Ballots



2022	Ballot Submission Deadline	Voting Opens	Voting Closes
Cycle 3	March 9	March 23	April 22
Cycle 4	April 19	May 3	June 2
Cycle 5	May 18	June 1	July 1
Cycle 6	July 26	August 9	September 8
Cycle 7	August 30	September 13	October 13
Cycle 8	October 4	October 18	November 17
Cycle 9	November 15	November 29	December 29

<https://www.semi.org/en/collaborate/standards/ballots>

Ballot Formatting

- For revision to an existing Standard, make sure to use the current published version.
 - Obtain the current MS Word version from staff
 - Highly recommend to turn on revision tracking when editing
 - Discourage to manually strikethrough for deletion or underline for addition.
 - If the track changes are excessive and the ballot becomes hard to follow, recommend to revise as a “complete rewrite.”
 - “Complete rewrite” does not show track changes. Instead, a notice is included in the Background Statement and at the top of the ballot that states “This Document was completely rewritten in [year].”
- For Line-Item ballots, clearly show what changes are proposed in each Line Item and include an explanation for each Line Item in the required background statement (*Procedure Manual* ¶3.5.3.1).

バロットのフォーマットについて

- 既存のスタンダードを改訂する場合は、必ず現行の出版物を使用してください。
 - スタッフから最新のMS Word版を入手してください
 - 編集時に変更履歴をオンにすることを強く推奨します。
 - 削除の場合は取り消し線、追加の場合は下線を手動で引くことを勧めしません。
 - 変更履歴が多すぎて投票用紙が見つらなくなった場合は、“完全な書き直し”として改訂することをお勧めします。
 - “完全な書き直し”は、変更履歴で表示されません。その代わりに、Background Statementとバロット用紙の上部に、“この文書は〇〇に完全に書き直されました”と記載されます。
- Line Item Ballotは、各Line Itemでどのような変更が提案されているかを明確に示し、Background Statementに各Line Itemの説明を含める(PM ¶3.5.3.1)。

SEMI Standards Publications

- Total SEMI Standards in portfolio: **1,060**
 - Includes 308 Inactive Standards

Cycle	New	Revised	Reapproved	Withdrawn
December 2021	2	1	5	0
January 2022	1	2	0	0
February 2022	1	6	19	0

SEMI Standards Publications



- New Standards

Cycle	Designation	Title	Committee	Locale
December 2021	SEMI E184	Specification for 300 mm Tape Frame FOUP Load Port	Physical Interfaces & Carriers	JA
December 2021	SEMI E185	Specification for 300 mm Tape Frame FOUP	Physical Interfaces & Carriers	JA
January 2022	SEMI E187	Specification for Cybersecurity of Fab Equipment	Information & Control	TW
February 2022	SEMI E188	Specification for Malware Free Equipment Integration	Information & Control	NA

SEMI Standards Publications



- Inactive Standards

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 Cont.

Committee	Number of Inactive Standards
Information & Control	37
Liquid Chemicals	29
MEMS	4
Metrics	12
Micropatterning	30
Photovoltaic	3
Physical Interfaces & Carriers	27
Silicon Wafer	12
Traceability	8



Thank You

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