

Test Report

No.: SZXEC26003894601

Date: Jul 02, 2026

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Client Name: EVER SEMICONDUCTOR CO., LIMITED

Client Address: SMART MANUFACTURING INDUSTRIAL PARK, WANNING BLVD, WANGU TOWN, DAZU DISTRICT, CHONGQING CITY

Sample Name: SOT23

Model No.: SOT23

Client Ref. Information: Please see attachments

The above sample(s) and information were provided by the client.

SGS Job No.: SZP26-031361

Sample Receiving Date: Jun 26, 2026

Testing Period: Jun 26, 2026 ~ Jul 02, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina

Tina Fan
Approved Signatory

Scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SZX26-0038946-0001.C001	"SOT23"

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND



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Test Item(s)	Limit	Unit(s)	MDL	A1
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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ATTACHMENTS

Elements Testing Flow Chart

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.



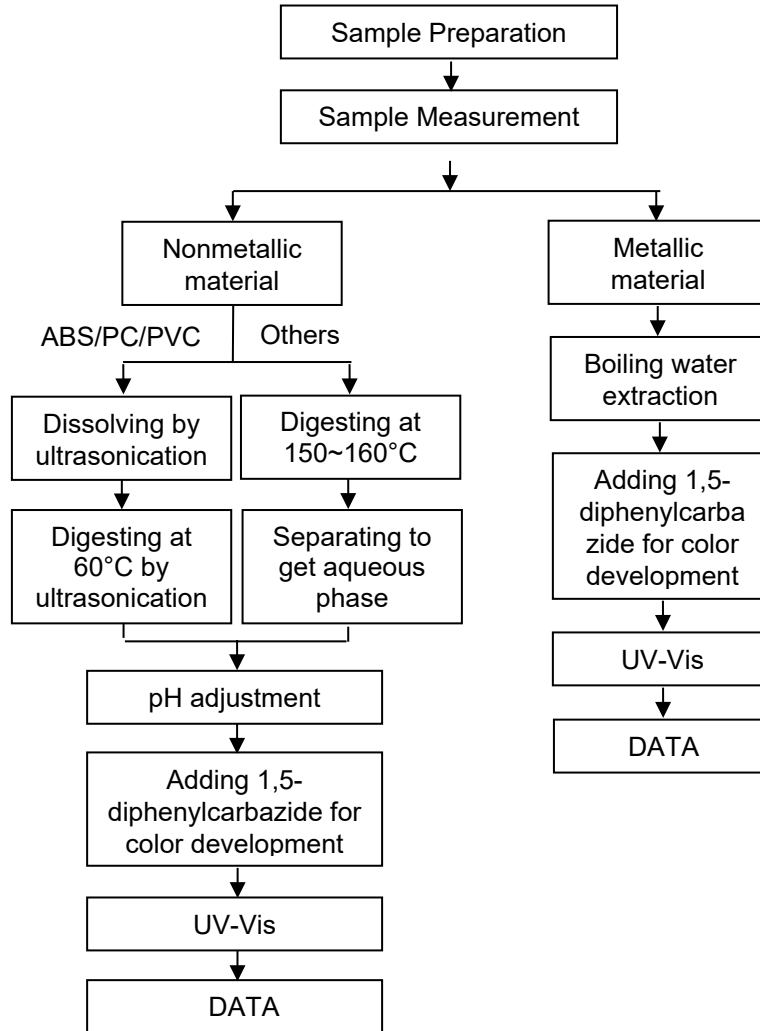
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



PBB(s)/PBDE(s)/Phthalates Testing Flow Chart



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Attachment:

SOT523 SOT723 SOT23-5 SOT23-6 SOT89 SOT223-2 SOP8 DFN2*2
SOT223 SOP8 MSOP8 ESOP8 DIP4 SOP4 LSOP4 TO92 TO-251 TO252
TO263 TO263-2 TO-263-3 TO220 TO-220AB TO-220A TO-220B TO-220C
TO220F TO247 TO-3 TO3P SOP18 SOT89 SOT89-5 DIP-5 DIP6 DIP-8
SOP6 DIP14 DIP16 SOP14 SOP16 SOP-20 SMA SMB SMC SMAF SMBF
SC70-5 SC70-6 SOD123 SOD-123F SOD323 SOD523 SOD123FL SOD723
SOD923 DFN SOD80 SOD882 SOD883 X1SON2 SOT23 SOT23-5 SOT23-6
SOT-143 SOT-343 SOT-343R SOT-363 SOT-563 SOT233 SLP1610P4
DFN5*6 DFN3*3 0402 DFN0603 DFN0603-2L DFN1006 DFN1610-6L
DFN1610 DFN2510-10 DO-210 DO-15 DO-35 DO-201 DO-213 DO-213AB
LL-34 MELF MBF MBM MBS ABS DB DBS GBJ GBJ-4 GBU GBU-4 KBL
KBL-4 KBP KBP-4 KBPC KBPC-4 KBPC-W RS-4 SIP-4P DFN56-8L
PDFN3x3-8L PDFN5*6-8L MT-200 TO-3PF TO-3PN TO-3PL TO-3PFA
TO-3PHIS TO-3PML GBPC GBPC-4 GBPC-W MODULE LL-41



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Sample Photo:



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*** End of Report ***



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