

Test Report

No.: SZXEC25002783505

Date: Aug 07, 2025

Page 1 of 5

Client Name: SICHUAN TUODIAN SEMICONDUCTOR CO., LTD

Client Address: ELECTRONIC INDUSTRY INCUBATION CENTER, YULONG ROAD, SUINING CITY

Sample Name: SOD-523

Client Ref. Information: Please see attachments

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

SGS Job No.: SZP25-039653

Sample Receiving Date: Aug 01, 2025

Testing Period: Aug 01, 2025 ~ Aug 07, 2025

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
Halogen	See Results

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



Tina Fan
Approved Signatory

Scan to see the report



0CC99F4B



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Department Laboratory

Room 101-901, Plant 4 & Room 101, Plant 2 & Room 101, Plant 3 & Room 301-501, Plant 3, Jiahao (Bantian) Industrial Plant Area, No. 430, Jihua Road, Bantian Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China 518129 www.sgsgroup.com.cn
中国·广东·深圳市龙岗区坂田街道坂田社区吉华路430号江灏(坂田)工业厂区厂房4号101-901、2号101、3号301-501 邮编:518129 t (86-755) 25328888 sgs.china@sgs.com

Test Report

No.: SZXEC25002783505

Date: Aug 07, 2025

Page 2 of 5

Test Result(s):**Test Part Description:**

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SZX25-0027835-0001.C001	"SOD-523"

Remarks:

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

Halogen

Test Method: With reference to EN 14582:2016, analysis was performed by IC.

Test Item(s)	Unit(s)	MDL	A1
Fluorine(F)	mg/kg	20	ND
Chlorine(Cl)	mg/kg	50	ND
Bromine(Br)	mg/kg	50	ND
Iodine(I)	mg/kg	50	ND

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, Indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CST Shangdaards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Co., Ltd.

Room 101-901, Plant 4 & Room 101, Plant 2 & Room 101, Plant 3 & Room 301-501, Plant 3, Jiangao (Bantian) Industrial Plant Area, No. 430, Jihua Road, Bantian Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China 518128 www.sgsgroup.com.cn
中国·广东·深圳市龙岗区坂田街道坂田社区吉华路430号江灏（坂田）工业厂区厂房4号101-901, 2号101, 3号101, 3号301-501 邮编:518129 t (86-755) 25328888 sgs.china@sgs.com

Test Report

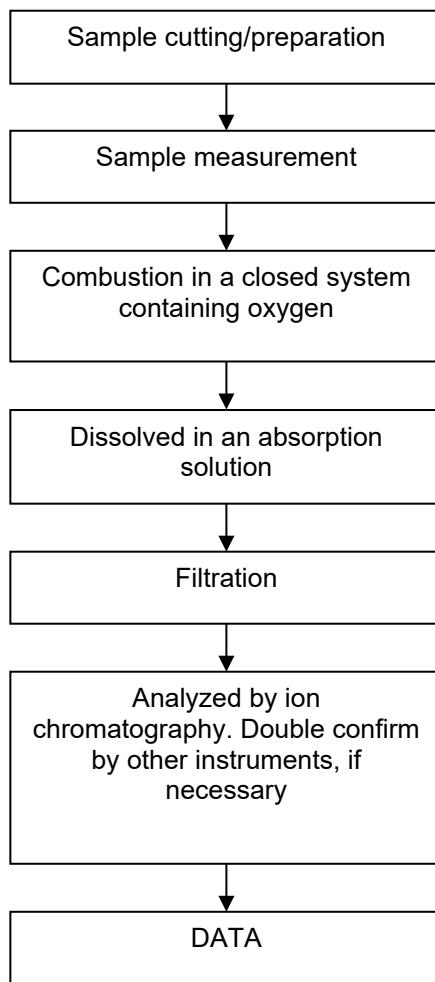
No.: SZXEC25002783505

Date: Aug 07, 2025

Page 3 of 5

ATTACHMENTS

Halogen Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, Indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Test Report

No.: SZXEC25002783505

Date: Aug 07, 2025

Page 4 of 5

Attachment:

SOT-23(TO-236)	TO-263-5	GBL
SOP-8	DFN1006-3(SOT-883)	KBJ
TO-252	GlassMELF(LL-41)	LGA-12(2x2)
SOD-323(SC-90)	TO-263-7	LGA-14(2.5x3)
DFN-8(5x6)	DIP-8	LQFP-48(7x7)
TO-247	GBU	QFN-14(1.4x1.8)
DFN1006-2(SOD-882)	TO-252-4L	QFN-8(5x6)
DFN-8(3x3)	DFN-8(8x8)	SMD-6P
SOD-123	SMAF(DO-214AD)	SOP-18
SMB(DO-214AA)	SOP-4	SOP-28
SOD-523(SC-79)	SOT-143	SOP-4-300mil-2.54mm
SMA(DO-214AC)	TO-247-3	SOT-89-5
SMC(DO-214AB)	KBP	SSOP-28
SOT-23-5	TO-277	SSOP-48
SOT-89	TO-3P	TO-92S
SOT-323(SC-70)	DBS	WLCSP-36(2.4x2.4)
DFN-10(1x2.5)	SOT-723	BGA-12
TO-247-4	TO-220-5	BGA-36
DFN0603-2	SOT-353	DFN-10
SOT-523(SC-75)	ABS	DFN-3L(2x2)
SOT-363	MBS	DFN-4(8x8)
SOT-223	SMD-4P	DFN-6(1x1)
SOT-23-6	KBL	DFN1308-5L
TO-220-2	KBU	LQFP-64(7x7)
TO-220	TOLL-8L	MBF
TO-252-2L(DPAK)	DFN1610-2	MiniMELF
TO-220F	DIP-4	QFN-18(2x2.8)
TO-247-2	GBJ	SMD-8P
TO-220F-2	QFN-10(1.4x1.8)	SOT-227
SOD-923	QFN-10(1.5x2)	SOT-563
MiniMELF(SOD-80)	SOP-20	SSOP-24
TO-263	SOP-8-EP	TO-263-3
SOP-14	SSOP-4	TO-264
TO-92	UMSB	WLCSP-9(1.2x1.2)
SOP-16	plug-in,P=10mm	ZIP-15
TO-3PF	DFN-3(2x2)	ZIP-25
MSOP-8	DIP-14	plug-in,P=15mm
TSSOP-8	DIP-6	plug-in,P=27.5mm

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, Indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Room 101-901, Plant 4 & Room 101, Plant 2 & Room 101, Plant 3 & Room 301-501, Plant 3, Jiangao (Bantian) Industrial Plant Area, No. 430, Jihua Road, Bantian Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China 518129 www.sgsgroup.com.cn

中国·广东·深圳市龙岗区坂田街道坂田社区吉华路430号江灏(坂田)工业厂区厂房4号101-901, 2号101, 3号101, 3号301-501 邮编:518129 t(86-755) 25328888 sgs.china@sgs.com

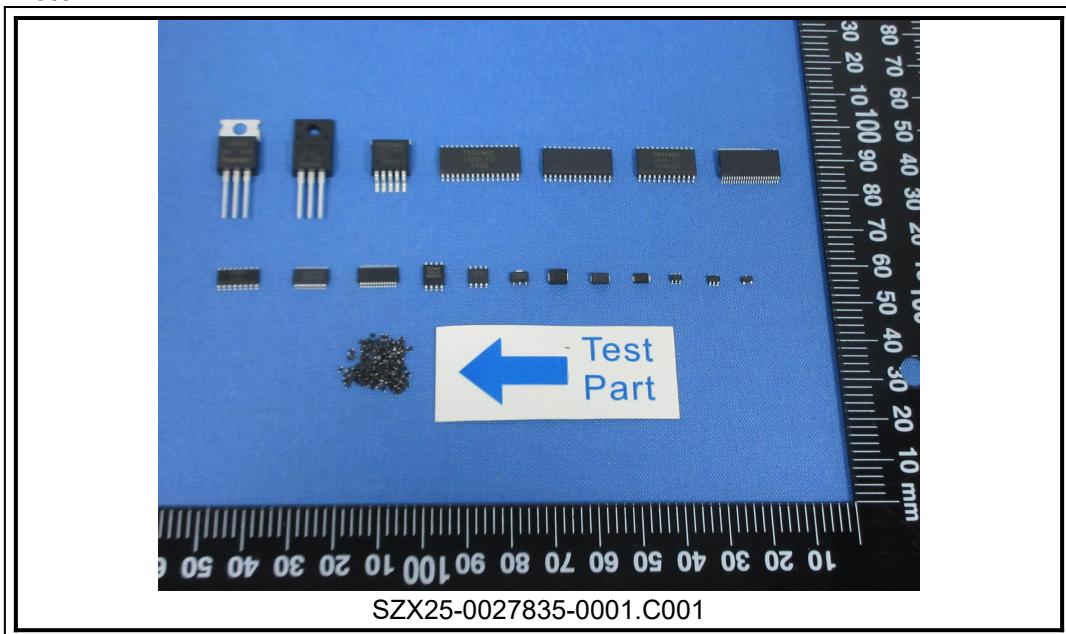
Test Report

No.: SZXEC25002783505

Date: Aug 07, 2025

Page 5 of 5

Sample Photo:



SGS authenticate the photo on original report only
*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, Indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CST (Shenzhen) Technical Services Co., Ltd.
Shenzhen Branch (SGS-CST) Laboratory

Room 101-901, Plant 4 & Room 101, Plant 2 & Room 101, Plant 3 & Room 301-501, Plant 3, Jianghe (Bantian) Industrial Plant Area, No. 430, Jihua Road, Bantian Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China 518129 www.sgsgroup.com.cn

中国·广东·深圳市龙岗区坂田街道坂田社区吉华路430号江灏(坂田)工业厂区厂房4号101-901, 2号101, 3号101, 3号301-501 邮编:518129 t (86-755) 25328888 sgs.china@sgs.com