

检测报告

编号: SZXEC25004810704

日期: 2025 年 12 月 15 日

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客户名称: 深圳市永源微电子科技有限公司
客户地址: 深圳市宝安区福海和秀西路 44 号锐明工业园 C2 栋

样品名称: 半导体元器件
型号: SOT23L
客户参考信息: SOT23-3L、SOT23-5L、SOT23-6L、SOT323-3L
SOT363-6L、SOT523-3L、QFN2*2-6L、QFN3*3-8L、
SOT89-3L、SOT223-3L、SOP-8L、ESOP-8L、
TSSOP-8L、SOT723-3L、SOT223-2L、SSOP-24L、
TO94-4L、SOT563-6L、QFN5*6-22L、QFN2*3-6L、
DFN1*0.6-3L、DFN3*3-10L、TO-92-3L

以上样品及信息由客户提供。

SGS 工作编号: SZP25-062988
样品接收时间: 2025 年 12 月 09 日
检测周期: 2025 年 12 月 09 日 ~ 2025 年 12 月 15 日
检测要求: 根据客户要求检测
检测方法: 见后续页。
检测结果: 见后续页。

检测要求	结论
美国环保署有毒物质控制法 (TSCA) 第 6 (h) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质	符合

通标标准技术服务有限公司深圳分公司
授权签名

贝瑞瑞

May Bei 贝瑞瑞
批准签署人

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检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A1	SZX25-0048107-0001.C001	"半导体元器件"

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检出限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

美国环保署有毒物质控制法 (TSCA) 第 6 (h) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质

检测方法: 参考 US EPA 3550C:2007, 采用 GC-MS 进行分析。

检测项目	CAS No.	限值	单位	MDL	A1
十溴二苯醚 (Deca-BDE)	1163-19-5	1000	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1)	68937-41-7	1000	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP)	732-26-3	3000	mg/kg	5	ND
六氯丁二烯 (HCBd)	87-68-3	禁用	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

备注:

(1) 法规信息请参见下链接

<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>.

(2) 针对十溴二苯醚 (Deca-BDE) 和异丙基化磷酸三苯酯 (PIP 3:1) 的规定于 2025 年 1 月 21 日生效。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ($w=0$) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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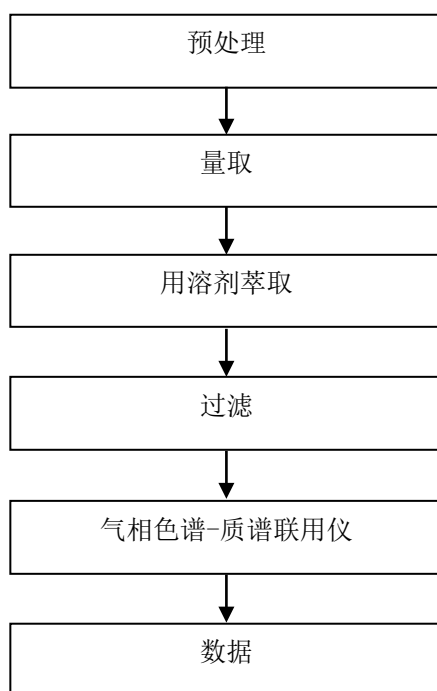
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持久性、生物累积性和毒性 (PBT) 化学物质检测流程图



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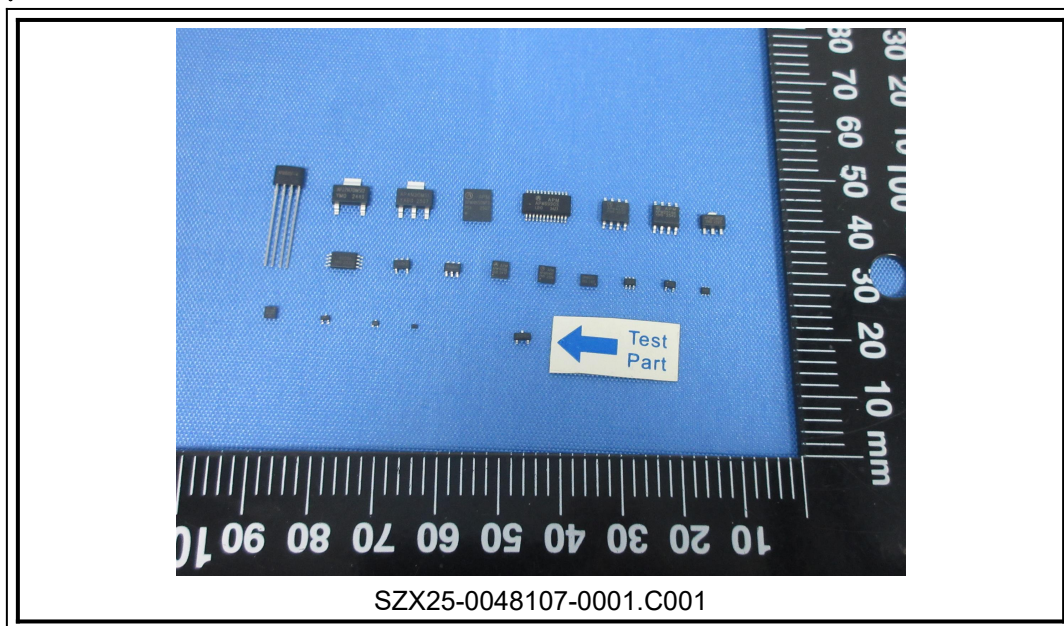
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样品照片:



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