

Test Report

No.: SHAEC24020381001

Date: Sep 12, 2024

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Client Name: Jiangsu Donghai Semiconductor Co.,Ltd

Client Address: Zhongtong Road-88,Wuxi New District, Shuofang Industrial Park

Sample Name: Semiconductor power

Model No.: TO-220C

Client Ref. Information: TO-220M / TO-220F / TO-262 / TO-263 / TO-126 / TO-92 / TO-251 / TO-252 / TO-3P / TO-247 / DIP-4
 DIP40/QPF40/DIP-8/SOP-8/DIP14/SOP-14/DIP-16/SOP-16
 SOT-23/SOT-23-3L/SOT-23-5L/SOT-23-6L/SOT-223/SOT-89/SOT-523/SOT-89-3L
 DO-27(DO-201AD)/DO-41/DO-15/DO-35/R-6/SMA/SMB/SMC/SOD-123FL/SOD-323/SMAF/SMBF
 MBF/MBS/MBM/ABS/KBU/GBU/KBL/KBP/GBP/KBJ/DB-S/DB-1/UMB/UMSB
 PDFN5*6/DFN5*6/DFN3*3/ SOD-123W/ TO-3PN/ PPAK5*6/QFP44/TOLL

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

SGS Job No.: SHP24-029359

Sample Receiving Date: Sep 05, 2024

Testing Period: Sep 05, 2024 ~ Sep 11, 2024

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
Red Phosphorus	See Results

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Jenny Lan
 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	SHA24-0203810-0001.C001	Black solid

Remarks:

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

Red Phosphorus

Test Method: With reference to SGS In house method, analysis was performed by ICP-OES and Pyrolysis-GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
Red Phosphorus	7723-14-0	mg/kg	500	ND

Notes:

- (1) The testing result is based on the worst-case scenario, and confirmed by Pyrolysis-GC-MS.
 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.

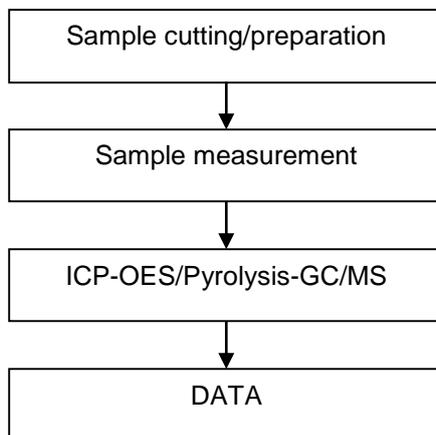


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Red Phosphorus Testing Flow Chart



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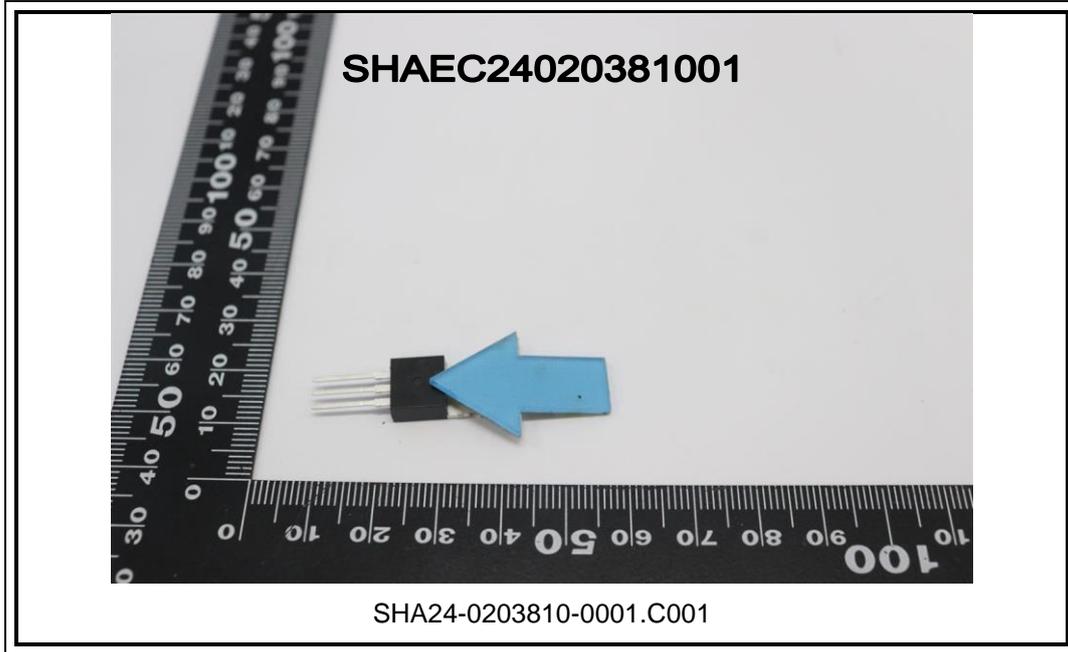
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Sample Photo:



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



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