

Test Report

No.: NGBEC25008310202_1

Date: Dec 23, 2025

Page 1 of 6

Client Name: Silergy Corp

Client Address: Oleander Way, 802 West Bay Road, P.O. Box 32052, Grand Cayman KY1-1208, Cayman Islands

Sample Name: Surface Mounted Electric Component

Model No.: SOT23-6

Client Ref. Information: AQFN/BGA/COF/COMBO/CPC/CSP/DFN/DIP/D-SMD/HDIP/GEM/LQFP/LGA/MDFN/MLGA/MQFN/MSOP/ODFN/QFN/PDFN/P-DIP/PLCC/SMB/SMC/SMD/SOD/SOP/SOT/SSOP/TO92/TO220/TO220F/TO252/TO263/TQFP/TSOP/TSSOP/TSOT/2ΦRadial/3ΦRadial/5ΦRadial
See attachment

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

THIS REPORT IS TO SUPERSEDE REPORT NO.NGBEC25008310202, DATE: Dec 19, 2025.

SGS Job No.: NBP25-009561

Sample Receiving Date: Dec 10, 2025

Testing Period: Dec 10, 2025 ~ Dec 19, 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
Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	Pass

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

Hayley Hong

Hayley Hong
Approved Signatory

Scan to see the report



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Test Report

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Date: Dec 23, 2025

Page 2 of 6

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	NGB25-0083102-0001.C001	Black body with silvery pin

Remarks:

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

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

Test Method: With reference to US EPA 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
Decabromodiphenyl ether (DecaBDE)	1163-19-5	1000	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1)	68937-41-7	1000	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	Prohibited	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					Pass

Notes:

(1) The regulation is available at the following link.

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

(2) The rule for Decabromodiphenyl ether (DecaBDE) and Phenol, isopropylated phosphate (3:1) (PIP 3:1) is effective on January 21, 2025.

This report updated Client Ref. Information.

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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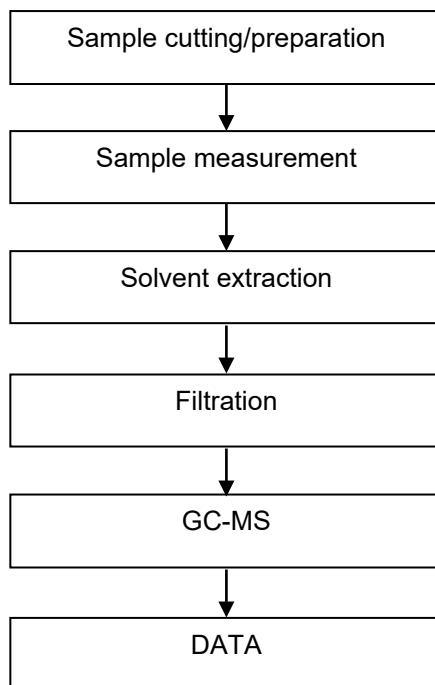
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Test Report

No.: NGBEC25008310202_1

Date: Dec 23, 2025

Page 3 of 6

ATTACHMENTS**Persistent, Bioaccumulative, and Toxic (PBT) Chemicals Testing Flow Chart**

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No.: NGBEC25008310202_1

Date: Dec 23, 2025

Page 4 of 6

Attachment:

AQFN6×6 BGA2.3×5.8 BGA2.55×2.55 BGA3.35×3.1 BGA3.5×4.5 BGA5.55×9.00 BGA12×12
 BGA13×13 BGA17×17 BGA21×21 BGA22×20 BGA25×40 bare die Bare die-GaN Brick-QuarterBrick-
 2 COF48-465 COMBO3.94×2.36×1.35 COMBO4.94×3.36×2.35 CPC5 CPC8
 CSP0.76×0.76 CSP0.78×0.78 CSP0.79×0.79 CSP0.9×0.9 CSP1.23×0.87 CSP1.29×1.25 CSP1.31×1.31
 CSP1.32×1.86 CSP1.338×0.838 CSP1.35×2.15 CSP1.39×1.68 CSP1.41×1.70 CSP1.43×0.89 CSP1.5×1
 CSP1.50×1.64 CSP1.54×0.90 CSP1.55×2.55 CSP1.56×1.96 CSP1.6×0.9 CSP1.6×2 CSP1.62×2.36
 CSP1.65×0.85 CSP1.65×1.25 CSP1.655×1.802 CSP1.66×1.61 CSP1.73×1.73 CSP1.79×1.46
 CSP1.79×1.57 CSP1.79×2.01 CSP1.8×1.8
 CSP1.8×2.2 CSP1.85×2.05 CSP1.92×1.92 CSP1.93×2.05 CSP2.0×1.8 CSP2.0×2 CSP2.0×2.5
 CSP2.03×2.51 CSP2.1×1.65 CSP2.2×2.565 CSP2.23×1.73 CSP2.35×2.75 CSP2.355×2.385
 CSP2.38×2.70 CSP2.4×2.4 CSP2.42×2.82 CSP2.43×1.77 CSP2.44×2.44 CSP2.5×2.45 CSP2.53×2.53
 CSP2.55×2.49 CSP2.55×2.55 CSP2.553×2.806 CSP2.56×2.56 CSP2.57×3.71 CSP2.6×2.6 CSP2.60×2.68
 CSP2.605×2.605 CSP2.615×2.615 CSP2.64×1.48 CSP2.64×3.94 CSP2.66×3.89 CSP2.67×1.51
 CSP2.67×2.67 CSP2.68×2.68 CSP2.8×2.4 CSP2.8×2.8 CSP2.93×2.73 CSP2.94×2.51
 CSP2.94×3.32 CSP3×2.6 CSP3.0×3.2 CSP3.03×3.34 CSP3.08×3.30 CSP3.15×2.75 CSP3.15×3.5
 CSP3.15×3.11 CSP3.16×4.16 CSP3.2×2.8 CSP3.21×2.81 CSP3.215×2.490 CSP3.215×4.415
 CSP3.23×3.23 CSP3.3×3.3 CSP3.35×3.1 CSP3.35×3.5 CSP3.35×5.3 CSP3.45×3.45 CSP3.52×1.66
 CSP3.52×3.44 CSP3.55×3.50 CSP3.6×9.05 CSP3.63×3.63 CSP3.65×3.2 CSP3.65×3.65 CSP4.03×4.66
 CSP4.06×4.47 CSP4.12×4.49 CSP4.13×4.13 CSP4.2×4.2 CSP4.21×4.21 CSP4.55×4.10 CSP4.82×3.62
 CSP4.97×4.45 CSP5×5 CSP6×6 CSP6×9 CSP6.07×2.52 CSP10×9 CSP-TBD
 DFN0.4×0.2 DFN0.6×0.3 DFN1.0×0.6 DFN1×1 DFN1.1×0.85 DFN1.1×0.9 DFN1.2×1.2 DFN1.2×1.6
 DFN1.25×1 DFN1.3×0.8 DFN1.3×0.9 DFN1.4×1.8 DFN1.45×1.0 DFN1.5×0.9 DFN1.5×1 DFN1.5×1.5
 DFN1.6×1.0 DFN1.6×1.2 DFN1.6×1.6 DFN1.7×1.35 DFN1.8×1.4 DFN2×1 DFN2×1.5 DFN2×2 DFN2×3
 DFN2.1×1.8 DFN2.2×2 DFN2.5×1.0 DFN2.5×1.35 DFN2.5×1.5 DFN2.5×2 DFN2.5×2.5 DFN2.5×3
 DFN2.5×4 DFN3×1.5 DFN3×2 DFN3×3 DFN3.3×1.35 DFN3.3×3.3 DFN3.8×1.0 DFN4×2.5 DFN4×3
 DFN4×4 DFN4×4.5 DFN4×5 DFN4.1×2.0 DFN5×5 DFN5×6 DFN5.5×1.5 DFN6.5×7.0 DFN7×7
 DFN7×10 DFN8×8 DFN-GaN
 DIP7 DIP8 DIP16 DIP18 DIP-4646 D-SMD D-SMD2520 En-FCLGA-GaN HDIP12 GEM2021
 GEM2928 LGA2.2×2-1 LGA2.5×2.5 LGA3×6 LGA3.8×5.4 LGA4×4 LGA4×6 LGA5×5 LGA5×6
 LGA5.5×6.5 LGA6×6 LGA12×8 LQFP7×7 LQFP10×10 LQFP12×12 LQFP14×14 LQFP20×20
 LQFP24×24 LQFP24×33 LGA-GaN
 MDFN1.9×1.75 MDFN2×2 MDFN2.5×2 MDFN2.6×3.2 MLGA2×1.5 MLGA3.5×5 MLGA5×5 MLGA5×6
 MLGA5.1×6 MLGA6×6 MLGA6.7×6.2 MLGA7×7 MLGA7.1×7.1 MLGA7.1×8 MLGA7×8 MLGA9.2×5.5
 MLGA10×9 MLGA11×9 MLGA22×24×11.3 MLGA12×7.25 MQFN1.5×2.5 MQFN2×2.5 MQFN2×3
 MQFN2.1×3 MQFN2.3×3 MQFN2.35×2.9 MQFN2.45×2.27 MQFN2.5×2.5 MQFN2.5×3 MQFN2.6×2.55
 MQFN2.8×3 MQFN3×3 MQFN3×4 MQFN3×5 MQFN3×6 MQFN3.2×4.2 MQFN3.5×5 MQFN4×5.6
 MQFN5×5 MQFN5×6 MQFN5×7.7 MQFN5.1×6 MQFN5.5×4 MQFN5.5×9.2 MQFN7×7 MQFN7.1×8
 MQFN11.3×7.5 MSOP8 MSOP8E MSOP10 ODFN2×2×0.7 QFN1.4×1.8 QFN1.5×1.5 QFN1.5×2
 QFN1.6×1.6 QFN2×1.5 QFN2×2 QFN2×2.5 QFN2×3 QFN2.5×2.5 QFN2.5×3 QFN3×3 QFN3×3.5
 QFN3×4 QFN3×4.5 QFN3×5 QFN3×6 QFN3.3×4.8 QFN3.4×5.68 QFN3.5×3.5 QFN3.5×4 QFN3.5×4.5
 QFN4×3 QFN4×3.5 QFN4×4 QFN4×5 QFN4×6 QFN4×6.5 QFN4.4×4 QFN4.5×5 QFN5×5
 QFN5×5.5 QFN5×6 QFN5×7 QFN5×7.5 QFN5×8 QFN5×11 QFN5.5×4 QFN6×5 QFN6×6 QFN7×7
 QFN7.5×7.5 QFN7×8 QFN8×7 QFN8×8 QFN8×9 QFN8×12 QFN9×8 QFN9×9 QFN10×10 QFN11×5
 QFN12×7 QFN12×8 QFN-GaN PDFN5×6 P-DIP6 PLCC-3528 SL-SMD3013 SL-SMD3015
 SMB SMC SMP7 SMD0805 SMD1206 SMD1417 SMD2010 SMD2014 SMD2015 SMD2020
 SMD2024 SMD2211 SMD2420 SMD2515 SMD2814 SMD3120 SMD3313 SMD3317 SMD3535
 SMD4222 SOD123 SOD323 SOD523 SOD123FL SOP4 SOP6 SOP7 SOP8 SOP14 SOP16 SOP20
 SOP24 SOP8E SOP16E SOP36E SOP8W SOP14W SOP16W SOT23 SOT33 SOT89 SOT143
 SOT223 SOT235 SOT236 SOT323 SOT335 SOT336 SOT363 SOT523 SOT563 SOT583 SSOP9
 SSOP9E SSOP10 SSOP10E SSOP14E SSOP16 SSOP16E SSOP18E SSOP20 SSOP24 SSOP24E
 SSOP28 SSOP32 SSOP32W SSOP56E

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No.: NGBEC25008310202_1

Date: Dec 23, 2025

Page 5 of 6

TO263-7 TSSOP14 TSSOP16 TSSOP24E TSOT23-5 TSOT23-6 TSOT23-8 TSOT23-5 TSOT23-5
TSOT23-6 TSSOP20E TO252-3 TO252-5 TO220-3
TO263-5 TSSOP24E TO92-3 TSSOP16E TSSOP28E TSSOP30 TO263-7
TSSOP14 TSSOP16 TQFP10*10 TO220F-3 TSSOP8 TQFP7*7-48E TSSOP24 SSOP20(WB)
TSSOP14E TSSOP24E TSOP14E TSSOP38 TSSOP28 TSSOP32E-UP
TSSOP38E TSSOP28E TSOT23 TQFP10*10 TQFP7*7 WLCSP-GaN



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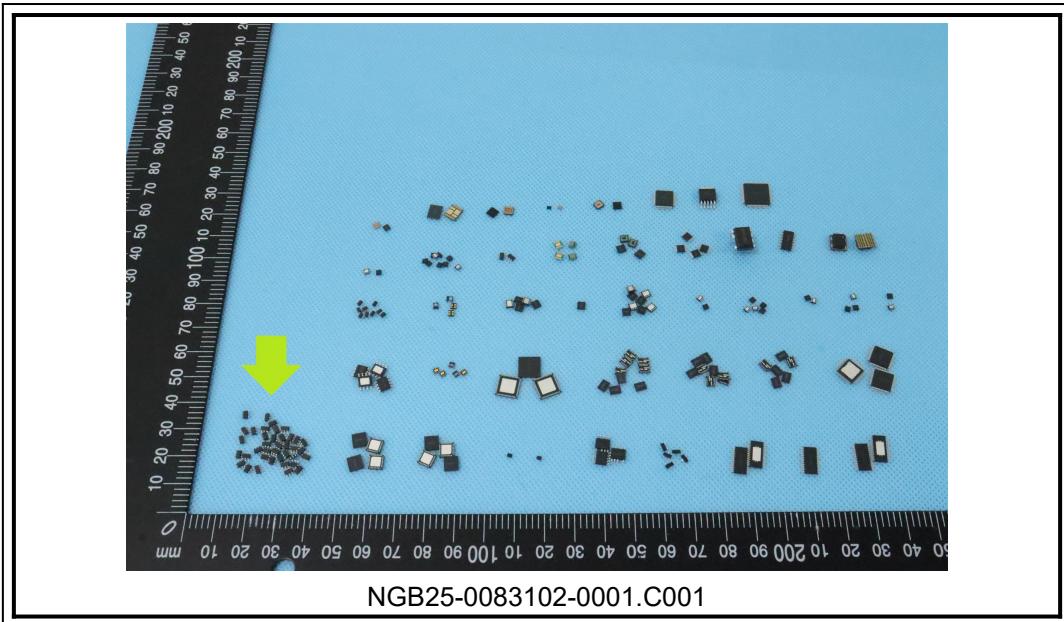
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Page 6 of 6

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