**Test Report** No. 91/400014050/2026/RoHS Date: 27 August 2026

Name of the client : Nanopower Semiconductor AS
Address of the client : Tollbodgata 2,
4611 Kristiansand, Norway
Contact person(s) : Tore Irgens Kuhnle

The following sample(s) was / were submitted and identified on behalf of the client as:

**nPZG1S-Q32**

SGS Job No : 400014050
Sample receiving date : 20 July and 6 August 2026
Testing period 28 July to 26 August 2026

The following test(s) was / were performed in SGS Hong Kong laboratory:

| ***Test(s) requested by the client*** | ***Result(s)*** | ***Method with reference to*** |
|---|---|---|
| Cadmium | See the next pages | IEC 62321-5:2013 |
| Lead | See the next pages | IEC 62321-5:2013 |
| Mercury | See the next pages | IEC 62321-4:2013+ A1:2017 |
| Chromium (VI) | See the next pages | IEC 62321-7-2:2017 |
| PBBs and PBDEs content | See the next pages | IEC 62321-6:2015 |
| Four phthalates (DBP, BBP, DEHP & DIBP) | See the next pages | IEC 62321-8:2017 |

| | ***Result(s)*** |
|---|---|
| According to the specified scope and analytical techniques, concentrations of all tested substances are below the requirements specified in article 4 and in Annex II to the RoHS Directive 2011/65/EU and its subsequent amendment (Directive 2015/863/EU) for the tested sample. | **Pass** |

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Signed for and on behalf of
SGS FIMKO OY

Suvi Rytövuori
Specialist

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List of components and materials for test(s):

| *SGS Sample No.* | *Sample description* | *Colour* | *Material claimed to be* |
|---|---|---|---|
| **91** | nPZG1S-Q32 | Black / silvery / coppery | Plastic / metal |

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**Cadmium, Lead, Mercury, Hexavalent Chromium, Polybrominated biphenyls (PBBs) and Polybrominated diphenyl ethers (PBDEs) content – Annex II of the ROHS directive 2011/65/EU and its amendments**

**Test method:** With reference to IEC 62321-5:2013, IEC 62321-4:2013+ A1:2017, IEC 62321-7-2:2017 and IEC 62321-6:2015. Analysis was performed by ICP-OES/AAS and UV-Vis.

| ***Test Item(s)*** | ***Result (mg/kg)*** | ***Reporting limit (mg/kg)*** | ***Permissible limit (mg/kg)*** |
|---|---|---|---|
| ***SGS Sample No.*** | **91** | | |
| *Cadmium (Cd)* | n.d. | 2 | 100 |
| *Lead (Pb)* | n.d. | 2 | 1000 |
| *Mercury (Hg)* | n.d. | 2 | 1000 |
| *Hexavalent Chromium** | n.d. | 8 | 1000 |
| *Sum of PBBs* | n.d. | - | 1000 |
| Monobromobiphenyl | n.d. | 5 | - |
| Dibromobiphenyl | n.d. | 5 | - |
| Tribromobiphenyl | n.d. | 5 | - |
| Tetrabromobiphenyl | n.d. | 5 | - |
| Hexabromobiphenyl | n.d. | 5 | - |
| Pentabromobiphenyl | n.d. | 5 | - |
| Heptabromobiphenyl | n.d. | 5 | - |
| Octabromobiphenyl | n.d. | 5 | - |
| Nonabromobiphenyl | n.d. | 5 | - |
| Decabromobiphenyl | n.d. | 5 | - |
| *Sum of PBDEs* | n.d. | - | 1000 |
| Monobromodiphenyl ether | n.d. | 5 | - |
| Dibromodiphenyl ether | n.d. | 5 | - |
| Tribromodiphenyl ether | n.d. | 5 | - |
| Tetrabromodiphenyl ether | n.d. | 5 | - |
| Pentabromodiphenyl ether | n.d. | 5 | - |
| Hexabromodiphenyl ether | n.d. | 5 | - |
| Heptabromodiphenyl ether | n.d. | 5 | - |
| Octabromodiphenyl ether | n.d. | 5 | - |
| Nonabromodiphenyl ether | n.d. | 5 | - |
| Decabromodiphenyl ether | n.d. | 5 | - |

Note(s):
1. n.d. = not detected
2. mg/kg = milligram per kilogram
3. Permissible limit with reference to Annex II of ROHS Directive 2011/65/EU and its subsequent amendments.

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**Test Report** No. 91/400014050/2026/RoHS Date: 27 August 2026

**Determination of phthalate content**

**Test method:** With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.

| *Test Item(s)* | *Result (mg/kg)* | *Reporting limit (mg/kg)* | *Permissible limit (mg/kg)* |
|---|---|---|---|
| *SGS Sample No.* | **91** | | |
| Dibutyl phthalate (DBP) | n.d. | 50 | 1000 |
| Benzyl butyl phthalate (BBP) | n.d. | 50 | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) | n.d. | 50 | 1000 |
| Diisobutyl phthalate (DIBP) | n.d. | 50 | 1000 |

Note(s):
1. n.d. = not detected
2. mg/kg = milligram per kilogram
3. For individual DEHP, DBP, BBP and DIBP permissible limit of 0.1 % (w/w) with reference to RoHS Directive 2011/65/EU and its amendment (2015/863/EU) applicable from 22 July 2019.

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Photo(s) of the submitted sample(s):

**General view of nPZG1S-Q32**

**Close-up view of nPZG1S-Q32**

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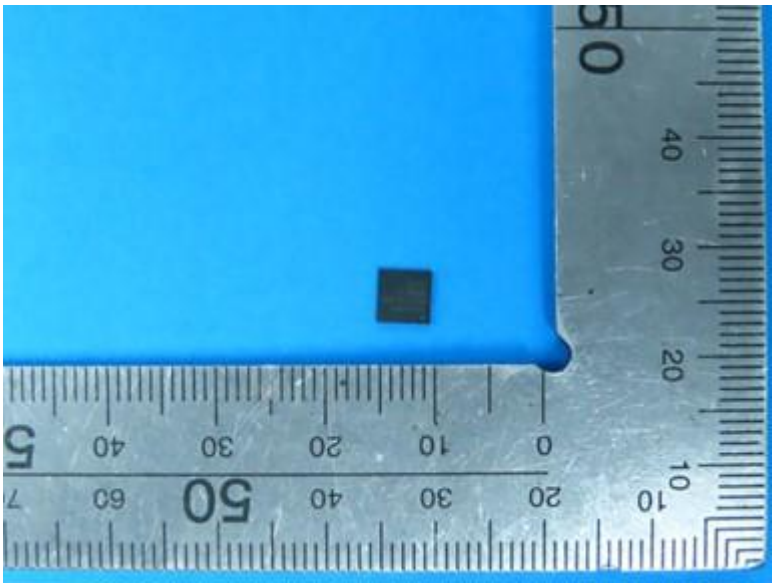
Photo(s) of the submitted sample taken by SGS Hong Kong laboratory:



**Close-up view of nPZG1S-Q32**

SGS authenticates the photo(s) on original report only.

********** End of report **********

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