

bsi.

Opinion Statement



Product Carbon Footprint Verification Opinion Statement

This is to verify that: TA-I TECHNOLOGY CO., LTD.
No. 4, Ln. 17, Sec. 3, Nanshan Rd.
Luzhu Dist.
Taoyuan City 338011
Taiwan

大毅科技股份有限公司
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蘆竹區
南山路三段 17 巷 4 號
338011

Holds Statement No: PCFV 815856

As a result of carrying out the verification and validation procedures in accordance with ISO 14064-3:2019 of product life cycle greenhouse gas emissions, the statement for mixed engagement including reasonable assurance for verification activity and agreed-upon procedures (AUP) contains the following:

- The product carbon footprint with the declared unit of per reel RM04 SMD Resistor is 4.99 kilograms of CO₂ equivalent.
- The product life cycle GHG data quality was verified to be acceptable against the requirements of ISO 14067:2018.

This opinion statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the product whose GHG emissions are being assessed, the validity of this opinion statement will cease.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

Originally Registration Date: 2025-03-29

Effective Date: 2025-03-29

Latest Revision Date: 2025-03-29

Expiry Date: 2027-03-28

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The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Opinion Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its carbon emissions more particularly described in the scope. It was not prepared for any other purpose. The British Standards Institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Opinion Statement may be read. This Opinion Statement is prepared on the basis of review by The British Standards Institution of information presented to it by the above named client. The review does not extend beyond such information and is solely based on it. In performing such review, The British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise by virtue of this Opinion Statement or matters relating to it should be addressed to the above named client only.

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The conclusions for different engagement types are explained as follows:

Verification

- Verification are based on reasonable level of assurance and include the following greenhouse gas emissions.
 - process emissions and fugitive emissions in production stage of life cycle
 - purchased or acquired electricity, cooling and water resource in production stage of life cycle
 - partial production-related raw materials acquisition and transportation
- The data and information of greenhouse gas emissions are based on historical in nature, and no material misstatements in this product life cycle greenhouse gas emission statement were revealed.

Agreed-upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures and enumerated below with respect to the upstream GHGs emissions information.
 - all production-related raw materials acquisition and transportation
 - disposal and treatment of waste generated in operations
- BSI do not express any assurance on the GHG emissions, removals and storage.

(Unit: kg CO₂e)

| Product Carbon Footprint | Emissions for Each Engagement Types | | Total |
|--------------------------|-------------------------------------|--------------|-------|
| | Agreed-upon Procedures (AUP) | Verification | |
| RM04 SMD Resistor reel | 2.88 | 2.11 | 4.99 |

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| Location | Verification and Validation Information |
|---|--|
| TA-I TECHNOLOGY CO., LTD. No. 4, Ln. 17, Sec. 3, Nanshan Rd. Luzhu Dist. Taoyuan City 338011 Taiwan 大毅科技股份有限公司 臺灣 桃園市 蘆竹區 南山路三段 17 巷 4 號 338011 | The product carbon footprint with the declared unit of per reel RM04 SMD Resistor has been verified and validated. |

Product related information is as follows:

- System boundary for this product: Cradle to Gate
The product system boundary is consistent with its system boundary definition in the PCF report for product carbon footprint, which involves the acquisition of materials, process activity and the transportation of materials in the product life cycle.
- The data in this product life cycle greenhouse gas inventory report is from 2023-01-01 to 2023-12-31.
- The site-specific data include related facilities listed below from its own processes under the operational control of the organization and individual processes under the financial or operational control of the organization undertaking the CFP study.
- The secondary data include relative factors from MOENV Carbon Footprint Calculation Platform and LCA software SimaPro v9.6.0.1 (IPCC 2021 GWP 100a).

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