

Verification statement

To the stakeholders of Microchip Technology Inc.

EcoAct was engaged by Microchip Technology Inc. at 2355 West Chandler Blvd, Chandler, Arizona, USA 85224-6199 to provide independent third-party limited verification of its direct (Scope 1) and indirect (Scope 2) greenhouse gas emissions. This was detailed in the company's carbon footprint calculation for the period of 1st of January 2024 to 31st of December 2024.

OBJECTIVE & RESPONSIBILITIES

The objective of the GHG emissions verification was to confirm whether the GHG statements as reported in Microchip Technology Inc. GHG Emissions report for 2024 were fairly stated and free from material error or omission in accordance with the criteria outlined below.

Microchip Technology Inc. is responsible for the organisation's emissions sources and GHG related information as well as the development and maintenance of records and procedures in accordance with its reporting requirements. The EcoAct verification team's responsibility is to express an independent verification opinion on the accuracy of the GHG emissions reported by Microchip Technology Inc. and supporting processes and procedures in place to aggregate and analyse data.

CRITERIA

Criteria against which the verification assessment was undertaken:

- Calculation methodology: World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, Revised Edition (the GHG Protocol).
- Reference methodologies included:
 - 2024 UK Government GHG Conversion Factors for Company Reporting (Department for Energy Security and Net Zero)
 - EPA Center for Corporate Climate Leadership. Emission Factors for Greenhouse Inventories
 - EPA eGRID Year 2022 data. January 30, 2024
 - National Inventory Report 1990–2022: Greenhouse Gas Sources and Sinks in Canada
 - IEA Emission Factors 2024
 - European Residual Mixes. Results of the calculation of Residual Mixes for the calendar year 2023
 - 2024 Green-e Residual Mix Emissions Rates (2022 Data)
 - GHG Protocol. Emission Factors from Cross-Sector Tools March 2024.
 - IPCC, 2013: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change.
 - Workbook of Energy conversion and emission factors for publication on SEAI website (v1.3).
 - Emission factors for burning natural gas and diesel (distillate fuel oil no. 2) per 40 CFR Part 98, Subpart C, Tables C-1, and C-2
 - 40 CFR Part 98 Subparts A and Provided Conversion Factors
 - Global warming potentials per 40 CFR Part 98 Subpart A Table A-1

LEVEL OF VERIFICATION AND MATERIALITY

A limited level of verification aligned with the ISO 14064-3:2019 standard with specification and guidance for the verification and validation of greenhouse gas statements was conducted.

The organisational boundary of Microchip Technology Inc. was established as to include operation sites in 2024 which accounts for 68 sites across 19 global markets. Microchip Technology Inc. used the operational control approach, which is where the business has full operational control. The verification team reviewed the source data from Microchip Technology Inc. GHG Emissions report, to identify emissions sources material to the carbon footprint.

VERIFICATION OPINION

Based on the data and information provided by Microchip Technology Inc. and the processes and procedures followed, nothing has come to EcoAct's attention to indicate that the GHG emissions totals reported for 2024 are not fairly stated and free from material error.

The final, verified emissions total was **602,818 tCO₂e (location-based method)**.

Microchip Technology Inc. Carbon Emissions sources	2024 Emissions (tCO ₂ e)
Scope 1 Emissions	288,193
Scope 2 Emissions (location-based)	314,625
Scope 2 Emissions (market-based)	195,632
Total Scope 1 and 2 (location-based)	602,818
Total Scope 1 and 2 (market-based)	483,825

DESCRIPTION OF ACTIVITIES

In accordance with the Limited Verification requirement, EcoAct selected and verified sufficient and appropriate evidence, data, and calculations to form the basis for our verification opinion.

Selected data for verification included: Scope 1 emissions (GHGs released from the combustion of fuels and in the manufacturing processes) and Scope 2 emissions (electricity).

The verification of Microchip Technology Inc.'s emissions related information was conducted through the review and testing of its emissions calculations and selected primary evidence. We have had regular interactions with the key contact person involved in data gathering and reporting to discuss systems, processes and methodologies used to compile the GHG report for 2024.

Amendments to the carbon footprint calculation, to correct minor data discrepancies, were made during the verification process by the Microchip Technology Inc. team prior to the finalization of the GHG emissions totals. These discrepancies were not material to the data reported above.

Further detailed findings and recommendations about Microchip Technology Inc.'s emissions data have been made to the management of Microchip Technology Inc. throughout the verification.

On completion, the verification work was independently reviewed against the requirements of the ISO 14064-3 standard by a senior member of the EcoAct UK team.

Verified by

Lucy Blundell

Lucy Blundell
Consultant
EcoAct,
London, June 2025

Independent review

Gavin Tivey

Gavin Tivey
Principal Consultant
EcoAct,
Barcelona, June 2025

STATEMENT OF INDEPENDENCE

EcoAct is an independent carbon management company. Our team has extensive experience in the verification of carbon data, information, systems and processes.

The data required for the greenhouse gas calculations described herein were compiled by Microchip Technology Inc. No member of the EcoAct team has a business relationship with Microchip Technology Inc., its directors or Managers beyond that required of this assignment. "To our knowledge there has been no conflict of interest.