



Verification Opinion

Verified as Satisfactory	
Reasonable Assurance: Based on the process and procedures conducted, the GHG statement contained in the GHG Report Realtek Semiconductor Corporation produced by Realtek Semiconductor Corporation, covering the direct GHG emissions and removals (Scope 1) and the indirect GHG emissions from imported energy (Scope 2):	Is materially correct and is a fair representation of GHG data and information.
	Has been prepared in accordance with GHG Protocol Corporate Accounting and Reporting Standard Revised edition and GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard, and their principles.
Limited Assurance: Based on the process and procedures conducted, there is no evidence that the GHG statement contained in the GHG Report Realtek Semiconductor Corporation produced by Realtek Semiconductor Corporation, covering the other indirect GHG emissions (Scope 3):	Is not materially correct and is not a fair representation of GHG data and information.
	Has not been prepared in accordance with GHG Protocol Corporate Accounting and Reporting Standard Revised edition and GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard, and their principles.
	For certain categories, greenhouse gas emissions are estimated using secondary data, which may introduce inherent uncertainty in the resulting emissions figures.
Lead Verifier	Marty Li
Independent Reviewer	Jane Huang
Signed on behalf of BSI	 Managing Director Northeast Asia, APAC Assurance
Issue Date	2026-04-08
BSI Group Singapore Pte. Ltd. Taiwan Branch, 2nd Floor, No.37, Ji-Hu Road Nei-Hu Dist., Taipei 114700, Taiwan	
NOTE: BSI Group Singapore Pte. Ltd. Taiwan Branch (hereafter referred to as BSI Taiwan) is independent to and has no financial interest in Realtek Semiconductor Corporation. This 3 rd party Verification Opinion has been prepared for Realtek Semiconductor Corporation only for the purposes of verifying its statement relating to its GHG emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Taiwan has assumed that all information provided to it by Realtek Semiconductor Corporation is true, accurate and complete. BSI Taiwan accepts no liability to any third party who places reliance on this statement.	

Certificate Number and date of issuance of opinion: CFV 837261 Dated 2026-04-08, Re-issued: 2026-04-14



Verification Engagement

Organization	Realtek Semiconductor Corporation
Responsible party	Realtek Semiconductor Corporation
Verification Objectives	To express an opinion on whether the organizational GHG Statement which is historical in nature: • Is accurate, materially correct and is a fair representation of GHG data and information • Has been prepared in accordance with GHG Protocol Corporate Accounting and Reporting Standard Revised edition and GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard and the criteria used by BSI to verify the GHG Organizational Statement
Materiality Level	5%
Level of Assurance	Reasonable for direct GHG emissions and indirect GHG emissions from imported energy Limited for the other indirect GHG emissions
Verification evidence gathering procedures	• Evaluation of the monitoring and controls systems through interviewing employees observation & inquiry • Verification of the data through sampling recalculation, retracing, cross checking and reconciliation • Activity data was verified through consumption logs, records, daily logs, utility bills, invoices, service records etc. • Secondary data used in calculations were verified through visiting the respective sites and accessing those references.
The verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance verification	
Verification Standards	The verification was carried out in accordance with ISO 14064-3:2019, ISO 14065:2020 and ISO 17029:2019
Note: Realtek Semiconductor Corporation is responsible for the preparation and fair presentation of the GHG statement and report in accordance with the agreed criteria. BSI is responsible for expressing an opinion on the GHG statement based on the verification.	

Organizational GHG Statement

Organization		Realtek Semiconductor Corporation
Organizations GHG Report containing GHG Statement		No. 2, Chuangxin 2nd Rd., Baoshan Township Hsinchu Science Park, Hsinchu County 300092 Taiwan
Organizational Boundary		2025 Greenhouse Gas Inventory Report produced by Report Realtek Semiconductor Corporation, dated: 05/03/2026
Locations included in the Organizational Boundary		See Appendix A
Scope of activities		Fabless IC design houses, headquartered in the Hsinchu Science Park, Taiwan. Realtek takes IC R&D and innovative design as its corporate positioning.
Operational Boundary	Scope 1 Direct GHG emissions	Stationary combustion Mobile combustion Fugitive (anthropogenic systems)
	Scope 2 Electricity indirect GHG emissions	Imported Electricity
	Scope 3 Other indirect GHG emissions	1. Purchased goods and services 2. Capital goods 3. Fuel- and energy-related activities 4. Upstream transportation and distribution 5. Waste generated in operations 6. Business travel 7. Employee commuting 9. Downstream transportation and distribution 10. Processing of sold products 11. Use of sold products 12. End-of-life treatment of sold products
	Exclusion from operational Boundary	•Upstream leased assets •Downstream leased assets •Franchises •Investments Justification: no requirements from intended user and the difficulty in collecting accurate and reliable activity data.
	Criteria for developing the GHG inventory	GHG Protocol Corporate Accounting and Reporting Standard Revised edition GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard
	Reporting period	2025-01-01 to 2025-12-31

tCO2(e)	Location Based	Market Based
	2025	2025
Scope 1: Direct GHG emissions	3,829.5346	3,829.5346
Scope 2: Electricity indirect GHG emissions	31,511.0578	28,812.2175
Scope 3: Other indirect GHG emissions	21,906,898.3589	21,906,898.3589
1. Purchased goods and services	470,283.5615	470,283.5615
2. Capital goods	607.4276	607.4276
3. Fuel- and energy-related activities	6,449.8516	6,449.8516
4. Upstream transportation and distribution	277.0050	277.0050
5. Waste generated in operations	6.8439	6.8439
6. Business travel	1,722.4361	1,722.4361
7. Employee commuting	2,319.2317	2,319.2317
9. Downstream transportation and distribution	15,134.1687	15,134.1687
10. Processing of sold products	81,3809	81,3809
11. Use of sold products	21,403,970.9254	21,403,970.9254
12. End-of-life treatment of sold products	6,045.5264	6,045.5264
Total	21,942,238.9512	21,939,540.1110

Appendix A

表 1、溫室氣體盤查邊界

據點	地址
1. 瑞昱新竹一廠 Realtek Semiconductor Corporation, Factory I	300092 新竹縣寶山鄉創新二路 2 號 No. 2, Chuangxin 2nd Rd., Baoshan Township Hsinchu Science Park, Hsinchu County 300092 Taiwan
2. 瑞昱新竹二廠 Realtek Semiconductor Corporation, Factory II	300091 新竹市園區二路 9 號 No. 9, Yuanqu 2nd Rd., East Dist. Hsinchu Science Park, Hsinchu City 300091 Taiwan
3. 瑞昱新竹三廠 Realtek Semiconductor Corporation, Factory III	300091 新竹市園區二路 9-1 號 No. 9-1, Yuanqu 2nd Rd., East Dist. Hsinchu Science Park, Hsinchu City 300091 Taiwan
4. 瑞昱生醫一廠 Realtek Semiconductor Corporation, Biomedical Park No.1	302041 新竹縣竹北市生醫二路 69 號 No. 69, Shengyi 2nd Rd., Zhubei City, Hsinchu County 302041, Taiwan
5. 瑞昱台北辦公室 Realtek Semiconductor Corporation, Taipei Office	104050 臺北市中山區樂群三路 126 號 2 樓 2F., No. 126, Lequn 3rd Rd., Zhongshan Dist. Taipei City 104050, Taiwan
6. 瑞昱南科辦公室 Realtek Semiconductor Corporation, Tainan Office	744094 台南市新市區南科三路 9 號 4 樓 4F., No. 9, Nanke 3rd Rd., Xinshi Dist. Tainan City 744094, Taiwan
7. 瑞晟微電子(蘇州)有限公司 Realsil Microelectronics Coporation	江蘇省蘇州市工業園區西沈澥路 128 號 / No.128, West Shenhu Road, Suzhou Industrial Park Suzhou, Jiangsu Province, China
8. 合肥沛睿微電子股份有限公司 RayMX Microelectronics Coporation	安徽省合肥市瑤海區合肥智慧產業園 A11 棟標準廠房 / Building A11, Hefei Smart Industrial Park, Yaohai District, Hefei City, Anhui Province, China
9. 瑞昱半導體(深圳)有限公司 Realtek Semiconductor Corporation, Shenzhen Office	廣東省深圳市南山區高新南七道數字技術園 A3-3-B / Room B.F-3Buliding A3, Cyber-Tech Zone, Gaoxin Ave.7.S, Hitech Industrial Park, Nashan District, Shenzhen Province, China
10. 科締納網絡系統(上海)有限公司 Cortina Shanghai (China)	中國上海市浦東張江高科祥科路 58 號 2 幢 9 層 901 號 / Room 901, Floor 9, Building 2, No.58, Xiangke Road, China (shanghai)Pilot Free Trade Zone
11. Cortina Access Inc.	2130 Gold Street, Suite 250, San Jose, CA, 95002, USA
12. Ubilinx Technology Inc.	2841 Junction Ave Ste 202, San Jose, CA, 95134, USA
13. Realtek Singapore Private Limited	2 International Business Park #02-06/07 The Strategy Singapore, 609930 Singapore
14. Realtek Semiconductor (Japan) Corp.	KAKIYA Bldg.8F, 2-7-17 Shinyokohama Kohoku-ku Yokohama City, Kanagawa Pref, Japan 222-0033
15. Realtek Viet Nam Co., Ltd.	Unit 3.5, 3.6 - Etown2, 364 Đ. Cộng Hòa, Phường 13, Tân Bình, Thành phố Hồ Chí Minh 70000, Vietnam
16. Realtek Semiconductor (Malaysia) Sdn. Bhd.	Level 40-009 Mercu 2, Jalan Bangsar, KL Eco City, 59200 Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

17. Realtek Korea Inc.	5F, 18, Saimdang-ro, Seocho-gu, Seoul Korea
18. Realtek Germany GmbH	Office HUB, Parkring 49, 4F, 85748 Garching, Office 7
19. Realtek Bangalore Pvt Ltd	339, 14th B Cross Rd, Sector 7, Sector 6, HSR Layout, Bengaluru, Karnataka 560102



Appendix B

Location	EMISSIONS	tCO ₂ (e)
瑞昱新竹一廠 Realtek Semiconductor Corporation, Factory I	Direct Emissions (scope 1)	268.1923
	Indirect Emissions from Imported Energy (scope 2) - Location Based	17,059.3496
	Indirect Emissions from Imported Energy (scope 2) - Market Based	17,059.3496
瑞昱新竹二廠 Realtek Semiconductor Corporation, Factory II	Direct Emissions (scope 1)	150.1741
	Indirect Emissions from Imported Energy (scope 2) - Location Based	4,852.6224
	Indirect Emissions from Imported Energy (scope 2) - Market Based	4,852.6224
瑞昱新竹三廠 Realtek Semiconductor Corporation, Factory III	Direct Emissions (scope 1)	162.5752
	Indirect Emissions from Imported Energy (scope 2) - Location Based	3,621.2652
	Indirect Emissions from Imported Energy (scope 2) - Market Based	3,621.2652
瑞昱生醫一廠 Realtek Semiconductor Corporation, Biomedical Park No.1	Direct Emissions (scope 1)	2552.3195
	Indirect Emissions from Imported Energy (scope 2) - Location Based	1,114.5387
	Indirect Emissions from Imported Energy (scope 2) - Market Based	1,114.5387
瑞昱台北辦公室 Realtek Semiconductor Corporation, Taipei Office	Direct Emissions (scope 1)	10.7429
	Indirect Emissions from Imported Energy (scope 2) - Location Based	117.6962
	Indirect Emissions from Imported Energy (scope 2) - Market Based	117.6962
瑞昱南科辦公室 Realtek Semiconductor Corporation, Tainan Office	Direct Emissions (scope 1)	6.2475
	Indirect Emissions from Imported Energy (scope 2) - Location Based	60.5886
	Indirect Emissions from Imported Energy (scope 2) - Market Based	60.5886
瑞晟微電子(蘇州)有限公司 Realsil Microelectronics Coporation	Direct Emissions (scope 1)	655.0016
	Indirect Emissions from Imported Energy (scope 2) - Location Based	2,672.7744
	Indirect Emissions from Imported Energy (scope 2) - Market Based	0.0000
合肥沛睿微電子股份有限公司 RayMX Microelectronics Coporation	Direct Emissions (scope 1)	7.8775
	Indirect Emissions from Imported Energy (scope 2) - Location Based	115.6791
	Indirect Emissions from Imported Energy (scope 2) - Market Based	115.6791
瑞昱半導體(深圳)有限公司	Direct Emissions (scope 1)	0.0000
	Indirect Emissions from Imported Energy (scope 2) - Location Based	61.3007

Realtek Semiconductor Corporation, Shenzhen Office	Indirect Emissions from Imported Energy (scope 2) - Market Based	61.3007
科緯納網絡系統(上海)有限公司 Cortina Shanghai (China)	Direct Emissions (scope 1)	4.7760
	Indirect Emissions from Imported Energy (scope 2) - Location Based	150.2073
	Indirect Emissions from Imported Energy (scope 2) - Market Based	150.2073
Cortina Access Inc.	Direct Emissions (scope 1)	0.0000
	Indirect Emissions from Imported Energy (scope 2) - Location Based	1,514.4233
	Indirect Emissions from Imported Energy (scope 2) - Market Based	1,488.3574
Ubilinx Technology Inc.	Direct Emissions (scope 1)	1.0097
	Indirect Emissions from Imported Energy (scope 2) - Location Based	5.8175
	Indirect Emissions from Imported Energy (scope 2) - Market Based	5.8175
Realtek Singapore Private Limited	Direct Emissions (scope 1)	2.1407
	Indirect Emissions from Imported Energy (scope 2) - Location Based	79.3772
	Indirect Emissions from Imported Energy (scope 2) - Market Based	79.3772
Realtek Semiconductor (Japan) Corp.	Direct Emissions (scope 1)	8.3985
	Indirect Emissions from Imported Energy (scope 2) - Location Based	10.8738
	Indirect Emissions from Imported Energy (scope 2) - Market Based	10.8738
Realtek Viet Nam Co., Ltd.	Direct Emissions (scope 1)	0.0002
	Indirect Emissions from Imported Energy (scope 2) - Location Based	21.0887
	Indirect Emissions from Imported Energy (scope 2) - Market Based	21.0887
Realtek Semiconductor (Malaysia) Sdn. Bhd.	Direct Emissions (scope 1)	0.0789
	Indirect Emissions from Imported Energy (scope 2) - Location Based	21.4010
	Indirect Emissions from Imported Energy (scope 2) - Market Based	21.4010
Realtek Korea Inc.	Direct Emissions (scope 1)	0.0000
	Indirect Emissions from Imported Energy (scope 2) - Location Based	11.8754
	Indirect Emissions from Imported Energy (scope 2) - Market Based	11.8754
Realtek Germany GmbH	Direct Emissions (scope 1)	0.0000

	Indirect Emissions from Imported Energy (scope 2) - Location Based	0.7695
	Indirect Emissions from Imported Energy (scope 2) - Market Based	0.7695
Realtek Bangalore Pvt Ltd	Direct Emissions (scope 1)	0.0000
	Indirect Emissions from Imported Energy (scope 2) - Location Based	19.4091
	Indirect Emissions from Imported Energy (scope 2) - Market Based	19.4091

