

声明

测算标准

ISO 14064-1:2018, GHG Protocol

声明登记号码:

17 164 2433067

报告号码

17 164 2433067

声明持有者:

江苏长电科技股份有限公司

中国江苏省江阴市滨江中路 275 号&长山路 78 号 邮编: 214400

核查场址:

所包括场地已列于声明附件上

核查方法:

核查方: 莱茵检测认证服务(中国)有限公司

- 过程: 文件审查、访谈、现场核查与重新计算

- 核查标准: ISO 14064-1:2018, ISO 14064-3:2019, GHG Protocol:
Revised edition

核查范围:

基于取得的信息进行评估之结论:

- 方案: 自愿性温室气体方案

- 组织边界: 营运控制权法

- 保证等级: 合理保证

- 实质性: 5%

- 全球暖化潜势(GWP): IPCC 2021

- 基准年为: 2025 (2025.01.01~2025.12.31)

- 核查年为: 2025 (2025.01.01~2025.12.31)

- 碳排放总量为 5261436.80 吨二氧化碳当量 (tCO₂e) (基于位置),
5265443.10 吨二氧化碳当量 (tCO₂e) (基于市场)

- 类别一 直接排放为 28193.59 tCO₂e

- 类别二 间接 输入能源排放为 862923.73 tCO₂e (基于位置),
866930.02 tCO₂e (基于市场)

- 类别三 间接 运输排放为 35465.48 tCO₂e

- 类别四 间接 组织使用产品排放为 4334507.10 tCO₂e

- 类别五 间接 与使用组织产品有关排放为 346.90 tCO₂e

- 类别六 间接 其他排放为未量化

- 数据与资讯:

- 历史性资料: 类别一 / 类别二

- 历史性资料及情境模型: 类别三 / 类别四 / 类别五

- 电力排放因子引用中国生态环境部公布的 2023 年电力二氧化碳排放因子
中的华东地区电力平均二氧化碳排放因子和 2023 年全国电力平均二氧化碳
排放因子 (不包括市场化交易的非化石能源电量), 韩国和新加坡国家排放
因子数值进行测算。

有效性:

GHG 陈述由责任方予以负责。本声明仅对核查年度进行核查, 非对管理体系进行认证。

签发日期:

2026-03-04

莱茵检测认证服务(中国)有限公司

中华人民共和国北京市北京经济技术开发区荣华南路

15 号院 4 号楼 3 层 301 室、4 层 403 室, 100176

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声明附件

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附件一：基于位置方法的各场所排放信息

序号	核查场所	核查地址
1	长电科技（江阴）有限公司（D3）	中国江苏省江阴市长山路 78 号 D3-1, D3-7（三、四楼北侧），SIP 厂房，动力厂（含外部宿舍、食堂等），滨江中路 275 号电子大楼 邮编：214400
2	长电科技（宿迁）有限公司（D8）	中国江苏省宿迁市苏宿工业园区普陀山大道 5 号 邮编：223800
3	长电科技（滁州）有限公司（D9）	中国安徽省滁州市世纪大道 999 号 邮编：239000
4	星科金朋半导体（江阴）有限公司（JSCC）	中国江苏省江阴市江阴高新技术产业开发区长山路 78 号内高脚位集成电路主厂房内的 A、B、C、D、E、F 区（一至三层），M 区（一至四层） 邮编：214400
5	江阴长电先进封装有限公司（JCAP）	中国江苏省江阴市长山大道 78 号 B2，B2B 车间 邮编：214400
6	星科金朋私人有限公司（SCS）	新加坡义顺街 23 号 5 号 邮编：768442 新加坡义顺工业园 507 号 邮编：768743
7	星科金朋韩国有限公司（SCK）	大韩民国仁川市郑谷区 Jayumyeok-ro 路 191 号 邮编：22379
8	长电科技星科金朋韩国有限公司（JSCK）	大韩民国仁川市郑谷区 Jayumyeok-ro 路 299 号 邮编：22379
9	晟碟半导体（上海）有限公司（SDSS）	中国上海市闵行区江川东路 388 号 邮编：200241

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附件二：基于位置方法的各场所排放信息

序号	场所名称	（基于位置）排放量（tCO ₂ e）					总计 (tCO ₂ e)
		类别 1	类别 2	类别 3	类别 4	类别 5	
1	长电科技（江阴）有限公司（D3）	4090.4	181230.31	6309.57	562265	0	753895.28
2	长电科技（宿迁）有限公司（D8）	1529.28	62818.81	2747.86	247083.36	0	314179.31
3	长电科技（滁州）有限公司（D9）	1275.77	70020.93	3431.03	129926.12	0	204653.85
4	星科金朋半导体（江阴）有限公司（JSCG）	3218.39	109568.52	2303.98	403497.64	0	518588.53
5	江阴长电先进封装有限公司（JCAP）	2504.25	66936.31	1601.32	104857.39	346.9	176246.17
6	星科金朋私人有限公司（SCS）	1521.13	72085.42	4111.15	708459.09	0	786176.79
7	星科金朋韩国有限公司（SCK）	4814.70	83057.79	5751.06	644900.25	0	738523.8
8	长电科技星科金朋韩国有限公司（JSCK）	6052.55	92527.60	7528.55	633673.89	0	739782.59
9	晟碟半导体（上海）有限公司（SDSS）	3187.12	124678.04	1680.96	899844.36	0	1029390.48

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附件三：基于市场方法的总量排放信息

	类别 1 排放 (tCO ₂ e)	类别 2 排放 (tCO ₂ e)	类别 3 排放 (tCO ₂ e)	类别 4 排放 (tCO ₂ e)	类别 5 排放 (tCO ₂ e)	总计 (tCO ₂ e)
集团碳排放总量 (基于市场)	28193.59	866930.02	35465.48	4334507.11	346.9	5265443.1
	0.54%	16.46%	0.67%	82.32%	0.01%	100.00%

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附件四：基于市场方法的各场所排放信息

序号	场所名称(基于市场)	(基于市场) 排放量 (tCO ₂ e)					总计 (tCO ₂ e)
		类别 1	类别 2	类别 3	类别 4	类别 5	
1	长电科技(江阴)有限公司(D3)	4090.4	198455.83	6309.57	562265	0	771120.8
2	长电科技(宿迁)有限公司(D8)	1529.28	68404.59	2747.86	247083.36	0	319765.09
3	长电科技(滁州)有限公司(D9)	1275.77	76870.98	3431.03	129926.12	0	211503.9
4	星科金朋半导体(江阴)有限公司(JSCC)	3218.39	120799.68	2303.98	403497.64	0	529819.69
5	江阴长电先进封装有限公司(JCAP)	2504.25	73810.2	1601.32	104857.4	346.9	183120.07
6	星科金朋私人有限公司(SCS)	1521.13	71591.68	4111.15	708459.09	0	785683.05
7	星科金朋韩国有限公司(SCK)	4814.70	68817.31	5751.06	644900.25	0	724283.32
8	长电科技星科金朋韩国有限公司(JSCK)	6052.55	52116.64	7528.55	633673.89	0	699371.63
9	晟碟半导体(上海)有限公司(SDSS)	3187.12	136063.11	1680.96	899844.36	0	1040775.55

签发日期:

2026-03-04

莱茵检测认证服务(中国)有限公司
中华人民共和国北京市北京经济技术开发区荣华南路
15号院4号楼3层301室、4层403室, 100176

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Statement

Inventory Standard **ISO 14064-1:2018, GHG Protocol**

Statement Registr. No. **17 164 2433067**

Report No. **17 164 2433067**

Statement Holder: **JCET Group Co., Ltd.**
No. 275 Binjiang Middle Road & No. 78 Changshan Road, Jiangyin City,
214400 Jiangsu, P.R. China

Verification Site: including the locations according to annex

Verification Method: Verification Body: TÜV Rheinland (China) Ltd.
- Process: Document review, interview, site visit and recalculation
- Verification Standard: ISO 14064-1:2018, ISO 14064-3:2019, GHG Protocol:
Revised edition

Verification Scope: Based on the information we have received and evaluated that:
- Programme: Voluntary GHG scheme
- Organizational Boundary: Operational Control
- Level of Assurance: Reasonable
- Materiality: 5%
- Global warming potential (GWP): IPCC 2021
- Base year: 2025 (2025.01.01~2025.12.31)
- Inventory year: 2025 (2025.01.01~2025.12.31)
- The total carbon emission is 5261436.80 tonnes equivalent (tCO₂e) (Location-based), 5265443.10 tonnes equivalent (tCO₂e) (Market-based)
- Category 1 Direct emission is 28193.59 tCO₂e
- Category 2 Indirect imported energy emission is 862923.73 tCO₂e (Location-based), 866930.02 tCO₂e (Market-based)
- Category 3 Indirect transportation emission is 35465.48 tCO₂e
- Category 4 Indirect products used by organization emission is 4334507.10 tCO₂e
- Category 5 Indirect associated with the use of products from the organization emission is 346.90 tCO₂e
- Category 6 Indirect transportation emission is not quantified
- Data and information
- Historical in nature: Category 1 / 2
- Historical in nature with scenario models: Category 3 / 4 / 5
- The inventory uses "The average power CO₂ emission factor for East China in the power CO₂ emission factor for 2023 and the average carbon dioxide emission factor of the national electricity market in 2023 (excluding non-fossil energy electricity traded in the market)" issued by the Ministry of Ecology and Environment of China, The electric power carbon dioxide emission factor of South Korea and Singapore by calculate method.

Validity: GHG statements are the responsibility of the responsible party. This statement only reviewed the emissions data of inventory year, this statement is not for the management systems certification.

Issue Date: 2026-03-04



TÜV Rheinland (China) Ltd.
Room 301, 3F and Room 403, 4F, Building 4, No.15,
Ronghua South Road, Beijing Economic-Technological
Development Area, Beijing, 100176, P. R. China

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Annex 1: Sites verified

No.	Verification Site	Verification Address
1	JCET Semiconductor (Jiangyin) Co., Ltd. (D3)	D3-1, D3-7 (North Side of 3rd and 4th Floor), SIP Factory, Power Plant (including External Dormitory, Canteen, etc.), No. 78, Changshan Road & Electronics Building, No. 275, Binjiang Middle Road, Jiangyin City, 214400 Jiangsu, P.R. China
2	JCET Semiconductor (Suqian) Co., Ltd. (D8)	No. 5, Putuoshan Road, Susu Industrial Park, Suqian City, 223800 Jiangsu, P.R. China
3	JCET Semiconductor (Chuzhou) Co., Ltd. (D9)	No. 999, Century Avenue, Chuzhou City, 239000 Anhui, P.R. China
4	STATS ChipPAC Semiconductor (Jiangyin) Co., Ltd. (JSCC)	Area A, B, C, D, E, F (Floors 1-3), Area M (Floors 1-4) in the Integrated Circuit Main Building, No. 78, Changshan Road, Jiangyin High-tech Industrial Development Zone, Jiangyin City, 214400 Jiangsu, P.R. China
5	JCET Advanced Packaging Co., Ltd. (JCAP)	Building B2, B2B, No. 78 Changshan Avenue, Jiangyin City, 214400 Jiangsu, P.R. China
6	STATS ChipPAC Pte. Ltd. (SCS)	No. 5, Yishun Street 23, 768442 Singapore 507 Yishun Industrial Park A, 768734 Singapore
7	STATS ChipPAC Korea Ltd. (SCK)	No. 191, Jayumuyeok-ro Road, Jung-gu District, Incheon City, 22379, Republic of Korea
8	JCET STATS ChipPAC Korea Ltd. (JSCK)	No. 299, Jayumuyeok-ro Road, Jung-gu District, Incheon City, 22379, Republic of Korea
9	SanDisk Semiconductor (Shanghai) Co. Ltd. (SDSS)	No. 388, Jiangchuan East Road, Minhang District, Shanghai, 200241 P.R. China

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Annex 2: Respective site GHG emission By Location-based

No.	Site name	(Location-based) Carbon emissions (tCO ₂ e)					Total (tCO ₂ e)
		Category 1 Emissions	Category 2 Emissions	Category 3 Emissions	Category 4 Emissions	Category 5 Emissions	
1	JCET Semiconductor (Jiangyin) Co., Ltd. (D3)	4090.4	181230.31	6309.57	562265	0	753895.28
2	JCET Semiconductor (Suqian) Co., Ltd. (D8)	1529.28	62818.81	2747.86	247083.36	0	314179.31
3	JCET Semiconductor (Chuzhou) Co., Ltd. (D9)	1275.77	70020.93	3431.03	129926.12	0	204653.85
4	STATS ChipPAC Semiconductor (Jiangyin) Co., Ltd. (JSCC)	3218.39	109568.52	2303.98	403497.64	0	518588.53
5	JCET Advanced Packaging Co., Ltd. (JCAP)	2504.25	66936.31	1601.32	104857.39	346.9	176246.17
6	STATS ChipPAC Pte. Ltd. (SCS)	1521.13	72085.42	4111.15	708459.09	0	786176.79
7	STATS ChipPAC Korea Ltd. (SCK)	4814.7	83057.79	5751.06	644900.25	0	738523.8
8	JCET STATS ChipPAC Korea Ltd. (JSCK)	6052.55	92527.6	7528.55	633673.89	0	739782.59
9	SanDisk Semiconductor (Shanghai) Co. Ltd. (SDSS)	3187.12	124678.04	1680.96	899844.36	0	1029390.48

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Annex 3: Group Total GHG emission By Market-based

Group Total carbon emission (Market-based)	Category 1 Emissions (tCO ₂ e)	Category 2 Emissions (tCO ₂ e)	Category 3 Emissions (tCO ₂ e)	Category 4 Emissions (tCO ₂ e)	Category 5 Emissions (tCO ₂ e)	Total (tCO ₂ e)
	28193.59	866930.02	35465.48	4334507.11	346.9	5265443.1
	0.54%	16.46%	0.67%	82.32%	0.01%	100.00%

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Annex 4: Respective site GHG emission By Market-based

No.	Site name	(Market-based) Carbon emissions (tCO ₂ e)					Total (tCO ₂ e)
		Category 1 Emissions	Category 2 Emissions	Category 3 Emissions	Category 4 Emissions	Category 5 Emissions	
1	JCET Semiconductor (Jiangyin) Co., Ltd. (D3)	4090.4	198455.83	6309.57	562265	0	771120.8
2	JCET Semiconductor (Suqian) Co., Ltd. (D8)	1529.28	68404.59	2747.86	247083.36	0	319765.09
3	JCET Semiconductor (Chuzhou) Co., Ltd. (D9)	1275.77	76870.98	3431.03	129926.12	0	211503.9
4	STATS ChipPAC Semiconductor (Jiangyin) Co., Ltd. (JSCC)	3218.39	120799.68	2303.98	403497.64	0	529819.69
5	JCET Advanced Packaging Co., Ltd. (JCAP)	2504.25	73810.2	1601.32	104857.4	346.9	183120.07
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