证书

测算标准	**ISO 14064-1:2018**
证书登记号码	**CF 50634035 0001**
报告号码	**70371794 001**

证书持有者：

成都天马微电子有限公司
中国四川省成都市高新区天源路 88 号

核查场址：

成都天马微电子有限公司
中国四川省成都市高新区天源路 88 号

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 14064-3:2019

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：2022 (2022.01.01~2022.12.31)
- 核查年为：2023 (2023.01.01~2023.12.31)
- 碳排放总量为 50009.88 吨二氧化碳当量(tCO_2e)
  - 类别一 直接排放为 9037.36 tCO_2e
  - 类别二 间接 能源排放为 40951.58 tCO_2e
  - 类别三 间接 运输排放为 20.94 tCO_2e
  - 类别四 间接 组织使用产品排放为未量化
  - 类别五 间接 与使用组织产品有关排放为未量化
  - 类别六 间接 其它排放为未量化
- 数据与资讯：
  - 历史性资料：类别一 / 类别二 / 类别三
  - 含情境模型之历史性资料：无
- 电力系数引用生态环保部发布 2022 年度全国电网平均排放因子数值进行测算

有效性：

本证书仅对核查年度进行核查，非对管理体系进行认证

2024-06-12

莱茵检测认证服务（中国）有限公司
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、12 层 1203 室（北京自贸试验区高端产业片区亦庄组团），100176

Certificate

Inventory Standard	**ISO 14064-1:2018**
Certificate Registr. No.	**CF 50634035 0001**
Report No.	**70371794 001**

Certificate Holder:	**Chengdu Tianma Microelectronics Co., Ltd.** No.88, Tianyuan Road, High-tech Zone, Chengdu, Sichuan, P.R. China
Verification Site:	**Chengdu Tianma Microelectronics Co., Ltd.** No.88, Tianyuan Road, High-tech Zone, Chengdu, Sichuan, P.R. China
Verification Method:	Verification Body: TÜV Rheinland (China) Ltd. - Process: Document review, interview, site visit and recalculation - Verification Standard: ISO 14064-3:2019

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: 2022 (2022.01.01~2022.12.31)
	- Inventory year: 2023 (2023.01.01~2023.12.31)
	- The total carbon emission is 50009.88 tonnes CO_2 equivalent (tCO_2e)
	  - Category 1 Direct emission is 9037.36 tCO_2e
	  - Category 2 Indirect imported energy emission is 40951.58 tCO_2e
	  - Category 3 Indirect transportation emission is 20.94 tCO_2e
	  - Category 4 Indirect products used by organization emission is not quantified
	  - Category 5 Indirect associated with the use of products from the organization emission is not quantified
	  - Category 6 Indirect other sources emission is not quantified
	- Data and information
	  - Historical in nature: Category 1 / 2 / 3
	  - Historical in nature with scenario models: N/A
	- The inventory uses the average national grid emission factor of 2022 released by the Ministry of Ecology and Environment for calculation.

Validity:	This certificate only reviewed the emissions data of inventory year, this certificate is not for the management systems certification.

2024-06-12

TÜV Rheinland (China) Ltd.
Room 301, 3F and Room 1203, 12F, Building 4, No.15, Ronghua South Road, Beijing Economic-Technological Development Area, Beijing (Yizhuang group in high-end industrial area of Beijing Pilot Free Trade Zone), 100176, P. R. China