

# 证书

测算标准 **ISO 14064-1:2018**

证书登记号码 **CF 50586614 0001**

报告号码 **70339306 001**

证书持有者: **天马微电子股份有限公司**  
广东省深圳市龙华区民治街道北站社区留仙大道天马大厦 1918

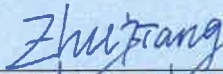
核查场址: **天马微电子股份有限公司**  
-中国广东省深圳市南山区马家龙工业城 64 栋  
-深圳市龙岗区宝龙工业城宝龙大道 8 号  
-深圳市龙岗区宝龙工业城清风大道 15 号

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: 2021 (2021.01.01~2021.12.31)  
- 核查年为: 2022 (2022.01.01~2022.12.31)  
- 碳排放总量为 36300.52 吨二氧化碳当量(tCO<sub>2</sub>e)  
- 类别一 直接排放为 2798.31 tCO<sub>2</sub>e  
- 类别二 间接 能源排放为 31302.01 tCO<sub>2</sub>e  
- 类别三 间接 运输排放为 2200.20 tCO<sub>2</sub>e  
- 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  
- 历史性资料及情境模型: 类别三  
- 电力系数引用 2012 年中国区域电网平均二氧化碳排放因子中的南方区域电网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

2023-06-29

  
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

This verification and validation is based on the information made available to TÜV Rheinland and the engagement conditions detailed above. Therefore, TÜV Rheinland cannot guarantee the accuracy or correctness of this information. TÜV Rheinland cannot be held liable by any party relying or acting upon this verification and validation.

# Certificate

Inventory Standard **ISO 14064-1:2018**

Certificate Registr. No. **CF 50586614 0001**

Report No. **70339306 001**

Certificate Holder: **Tianma Microelectronics Co., Ltd.**  
1918 Tianma Building, Liuxian Avenue, North Station Community, Minzhi Street, Longhua District, Shenzhen City, 518000 Guangdong, P.R. China

Verification Site: **Tianma Microelectronics Co., Ltd.**  
-Block No.64, Jinlong Industrial Zone, Majialong, Nanshan District, Shenzhen, Guangdong, P.R. China  
-No.8 Baolong Avenue, Baolong Industrial Zone, Longgang District, Shenzhen, Guangdong, P.R. China  
-No.15 Qingfeng Avenue, Baolong Industrial Zone, Longgang District, Shenzhen, Guangdong, P.R. China

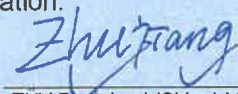
Verification Method: Verification Body: TÜV Rheinland (China) Ltd.  
- Process: Document review, interview, site visit and recalculation  
- Verification Standard: ISO 14064-3:2019

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: 2021 (2021.01.01~2021.12.31)
- Inventory year: 2022 (2022.01.01~2022.12.31)
- The total carbon emission is 36300.52 tonnes CO<sub>2</sub> equivalent (tCO<sub>2</sub>e)
  - Category 1 Direct emission is 2798.31 tCO<sub>2</sub>e
  - Category 2 Indirect imported energy emission is 31302.01 tCO<sub>2</sub>e
  - Category 3 Indirect transportation emission is 2200.20 tCO<sub>2</sub>e
  - 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
  - Historical in nature with scenario models: Category 3
- The inventory uses South China Power Grid Emission Factor of 2012 Chinese Regional Average Grid Emission Factor for calculation.

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

2023-06-29



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

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