

证书 CN21/10516

下述组织

三星(中国)半导体有限公司

统一社会信用代码 916101310515730361

注册地址: 陕西省西安市高新区浞河北路 1999 号
经营地址: 中国陕西省西安市高新区浞河北路 1999 号

的管理体系已经过审核,并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

12 英寸闪存芯片的制造,嵌入式存储芯片的封装和测试,固态硬盘的组装过程中涉及到的能源采购、接收贮存、加工转换、输配、使用等过程的管理及节能技术的应用

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件,证书附件是本证书的组成部分

该证书的有效期自 2021 年 04 月 09 日至 2024 年 04 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2021 年 04 月 09 日

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
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本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

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Certificate CN21/10516



The management system of

Samsung China Semiconductor Co., Ltd.

Unified Social Credit Code 916101310515730361

Business Registration Address: No. 1999, North Xiaohu Road, Hi-Tech Industries Development Zone, Xi'an, Shaanxi

Business Operation Address: No. 1999, North Xiaohu Road, Hi-Tech Industries Development Zone, Xi'an, Shaanxi, P.R. China

has been assessed and certified as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Energy management activity and energy saving technology application related to energy purchasing, energy acceptance, energy storage, energy processing and transferring, energy use involved in the manufacture of 12 inches flash memory chips testing and packaging of the Embedded Multi Media Card (EMMC) and assembling of Solid State Drive (SSD)

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

This certificate is valid from 09 April 2021 until 08 April 2024 and remains valid subject to satisfactory surveillance audits. Re certification audit due a minimum of 60 days before the expiration date Issue 1. Certified since 09 April 2021.

Authorized by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
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The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn



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三星(中国)半导体有限公司

统一社会信用代码 916101310515730361
中国陕西省西安市高新区浣河北路 1999 号

**GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013**

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次审核 2021年3月 22-26日	2019年1月-2019年12月 0.0371 吨标准煤/万元 2.23 公斤标准煤/层 2020年1月-2020年12月 0.0268 吨标准煤/万元 1.94 公斤标准煤/层	位于中国陕西省西安市高新区浣河北路 1999 号的工厂(I期)。主要用能过程包括 12 英寸闪存芯片的制造, 嵌入式存储芯片的封装和测试, 固态硬盘的组装过程和冷冻系统、空调系统、锅炉系统、纯水系统、废水处理系统、供配电系统、照明系统等辅助生产过程及食堂等附属过程 主要产品产量 2019.1-2019.12: 85,380,832 层 2020.1-2020.12: 101,932,352 层
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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Samsung China Semiconductor Co., Ltd.

Unified Social Credit Code 916101310515730361
 No. 1999, North Xiaohe Road, Hi-Tech Industries Development Zone, Xi'an, Shaanxi, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial Audit Mar. 22-26, 2021	2019.1-2019.12 0.0371 tce/ten thousand yuan 2.23 kgce/layer 2020.1-2020.12 0.0268 tce/ten thousand yuan 1.94 kgce/layer	Locates at No. 1999, North Xiaohe Road, Hi-Tech Industries Development Zone, Xi'an, Shaanxi, P.R. China (Phase 1). Main energy consuming processes include the manufacture of 12 inches flash memory chips testing and packaging of the Embedded Multi Media Card (EMMC) and assembling of Solid State Drive (SSD), and subsidiary production processes such as refrigeration system, air conditioning system, boiler system, pure water system, waste water treatment system, power supply and distribution system, lighting system, and the auxiliary processes, such as canteen Main production quantity: 2019.1-2019.12: 85,380,832 layers 2020.1-2020.12: 101,932,352 layers
1 st Surveillance		
2 nd Surveillance		