

此为证书 CN21/11199 译本



下述组织

# 中芯北方集成电路制造（北京）有限公司

统一社会信用代码: 91110302071737747W

注册地址: 北京市北京经济技术开发区文昌大道 18 号 9 幢

经营地址: 中国北京市北京经济技术开发区文昌大道 18 号 9 幢

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

大规模集成电路、特大规模集成电路和超大规模集成电路的制造过程涉及到的能源采购、接收贮存、加工转换、输配、使用、余热余能回收利用等过程的管理及节能技术的应用

该证书的有效期自 2024 年 10 月 26 日 至 2027 年 10 月 25 日 并须经过符合要求的监督审核保持有效  
版本号 2. 初始注册日期 2021 年 10 月 26 日

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。

签署

David Xin

Sr. Director - Business Assurance

通标标准技术服务有限公司

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本证书信息可在国家认证认可监督管理委员会官方网站 [www.cnca.gov.cn](http://www.cnca.gov.cn) 上查询



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# 中芯北方集成电路制造(北京)有限公司



统一社会信用代码 91110302071737747W

中国北京市北京经济技术开发区文昌大道 18 号 9 幢

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

版本号 2

### 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
再认证审核 2024 年 9 月 10-14 日 2024 年 9 月 23-24 日	2022 年 9 月—2023 年 8 月 0.0751 吨标准煤/万元(当量值) 0.1331 吨标准煤/片(当量值) 2023 年 9 月—2024 年 8 月 0.0772 吨标准煤/万元(当量值) 0.1090 吨标准煤/片(当量值)	位于中国北京市北京经济技术开发区文昌大道 18 号 9 幢的工厂。 主要用能过程包括光刻、蚀刻、扩散、薄膜等生产过程和供热系统、冰水系统、真空清扫系统、新风系统、空调系统、排气系统、变电站、照明、纯水系统、废水系统等辅助生产系统以及办公用能。 晶圆产量： 2022 年 9 月-2023 年 8 月：710,900 片 晶圆产量： 2023 年 9 月-2024 年 8 月：871839 片
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		



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Certificate CN21/11199



The management system of

# Semiconductor Manufacturing North China (Beijing) Corp.

Unified Social Credit Code: 91110302071737747W  
Business Registration Address: Building 9, No. 18, Wenchang Road, Beijing Economic-Technological Development Area, Beijing  
Business Operation Address: Building 9, No. 18, Wenchang Road, Beijing Economic-Technological Development Area, Beijing, 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 and application of energy technology of processes of energy procurement, acceptance, energy storage, energy conversion and transmission, energy use, waste heat and complementary energy recycle utilization involved in manufacture of LSI (Large Scale Integrated circuit), VLSI (Very Large Scale Integrated circuit) and ULSI (Ultra Large Scale Integrated circuit)

This certificate is valid from 26 October 2024 until 25 October 2027 and remains valid subject to satisfactory surveillance audits.

Issue 2. Certified since 26 October 2021

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.

Authorised by  
David Xin  
Sr. Director - Business Assurance

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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](http://www.cnca.gov.cn)



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# Semiconductor Manufacturing North China (Beijing) Corp.

Unified Social Credit Code 91110302071737747W  
Building 9, No. 18, Wenchang Road, Beijing Economic-Technological  
Development Area, Beijing, P.R. China

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Issue 2

### Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Recertification Audit 10-14, Sep, 2024 23-24, Sep, 2024	2022.9-2023.8 0.0751 tce/ten thousand yuan (energy calorific value) 0.1331 tce/Piece (energy calorific value) 2023.9-2024.8 0.0772 tce/ten thousand yuan (energy calorific value) 0.1090 tce/Piece (energy calorific value)	Locates at Building 9, No. 18, Wenchang Road, Beijing Economic-Technological Development Area, Beijing, P.R. China. Main energy consuming processes include Produce Processes of Litho, Etch, Diff, TF, etc and Sub Produce Processes of ExH, Chiller, PCW/PV/HV, MAU, HAVC, EXT, Transformer Substation, Light, UPW, WWT and office consumed Main production quantity: 2022.9~2023.8: 710,900 Piece Main production quantity: 2023.9~2024.8: 871839 Piece
1 <sup>st</sup> Sur		
2 <sup>nd</sup> Sur		



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