

Certificate CN21/20069

The management system of

# TSMC (China) Company Limited Company

Unified Social Credit Code 913100007529168714

Business Registration Address: No. 4000, Wen Xiang Road, Songjiang, Shanghai

Business Operation Address: No. 4000, Wen Xiang Road, Songjiang, 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 activities related to energy procurement, reception, storage, processing conversion, transmission, use and other related energy-saving technologies are involved in the process of Integrated circuit manufacturing (8-inch wafer).**

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 20 January 2024 until 19 January 2027 and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date  
Issue 2. Certified since 20 January 2021.



Authorized by

David Xin  
Sr. Director - Knowledge

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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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# TSMC (China) Company Limited Company

Unified Social Credit Code 913100007529168714  
No. 4000, Wen Xiang Road, Songjiang, P.R. China

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

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 8—10 Jan 2024	<p>From Jan. 2022 to Dec. 2022 Integrated circuit (8-inch wafer): 0.0910 tce/pcs 0.2358 tce/ten thousand RMB</p> <p>From Jan. 2023 to Dec. 2023 Integrated circuit (8-inch wafer): 0.1145 tce/pcs 0.2624 tce/ten thousand RMB</p>	<p>The factory is located at 4000 Wenxiang Road, Songjiang, Shanghai, China. The main energy consumption processes include cleaning, oxidation diffusion, CVD deposition, photolithography, degumming, dry etching, CMP polishing, wet etching, ion implantation, sputtering, detection and other production processes, as well as auxiliary production processes such as boilers, exhaust, lighting, central air conditioning, process cooling water, ultra-pure water preparation, wastewater treatment and waste gas treatment, and canteen and other ancillary processes.</p> <p>From Jan. 2022 to Dec. 2022: 1674850 pcs From Jan. 2023 to Dec. 2023: 1306044 pcs</p>
1 <sup>st</sup> Sur		
2 <sup>nd</sup> Sur		