



No: CESI2020EV/GHG0002R0L

## 组织温室气体排放核查声明

受核查方名称及地址

中芯国际集成电路制造（北京）有限公司

北京市经济开发区文昌大道 18 号

核查范围

位于北京市经济开发区文昌大道 18 号 41 地块的  
中芯国际集成电路制造（北京）有限公司范围内  
与芯片生产过程及活动相关的温室气体排放与消除。

核查准则: ISO 14064-1: 2006

保证等级: 合理保证等级

GHG 报告书: 《中芯国际集成电路制造（北京）有限公司

温室气体盘查报告书》

覆盖时间段: 2019 年 1 月 1 日-2019 年 12 月 31 日

排放的 GHG: ■CO<sub>2</sub> ■CH<sub>4</sub> ■N<sub>2</sub>O ■HFCs ■PFCs ■SF<sub>6</sub> ■NF<sub>3</sub>

温室气体排放总量: 416,218.43 tCO<sub>2</sub>e

直接温室气体排放量: 94601.86 tCO<sub>2</sub>e

能源间接温室气体排放量: 321616.57 tCO<sub>2</sub>e

经核查, 北京赛西认证有限责任公司认为:

中芯国际集成电路制造（北京）有限公司声明的 GHG 报告书实  
质性地正确, 并且公正地表达了 GHG 数据和信息; 该声明系根据有  
关 GHG 量化、监测和报告的国际标准 ISO 14064-1: 2006 编制的。

核查信息详见《GHG 核查报告》(No. 2020-V0905-0968-001)

发布日期: 2020 年 04 月 22 日

总经理:

北京赛西认证有限责任公司







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## VERIFICATION STATEMENT OF GHG ASSERTIONS

### MANUFACTURER AND ADDRESS

**Semiconductor Manufacturing International  
(Beijing) Corporation**

No. 18 Wenchang Road, Beijing Economic-Technological Development Area, China

### SCOPE OF VERIFICATION

**Greenhouse gas emission and removals relevant to the  
Chip Production Process and activities within the scope of SMIC  
(Beijing) Co., Ltd. located in lot 41, No.18 Wenchang Road,  
Economic-Technological Development Area**

### STANDARDS AND TECHNICAL REQUIREMENTS

**ISO 14064-1:2006**

### LEVEL OF ASSURANCE

**Reasonable assurance**

### GHG ASSERTIONS

**GHG inventory report of  
Semiconductor Manufacturing International  
(Beijing) Corporation**

### COVERING PERIOD

**January 1, 2019 to December 31, 2019**

### GHG EMISSIONS

**■CO<sub>2</sub> ■CH<sub>4</sub> ■N<sub>2</sub>O ■HFCs ■PFCs ■SF<sub>6</sub> ■NF<sub>3</sub>**

**Total emissions: 416,218.43 tCO<sub>2</sub>e**

**Total direct emissions: 94601.86 tCO<sub>2</sub>e**

**Total indirect emissions: 321616.57 tCO<sub>2</sub>e**

Based on the process and procedures conducted, the GHG assertion is materially correct and is a fair representation of the GHG data and information, and is prepared in accordance with the related International Standard ISO 14064-1:2006 on GHG quantification, monitoring and reporting, or to relevant national standards or practices. The verification information could be found in the verification report of GHG

(No. 2020-V0905-0968-001).

**ISSUE DATE: April 22, 2020**

Manager:

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