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CCS L55



**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 48179-2026**

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**Terminology for integrated circuit electronic design automation  
tools**

集成电路电子设计自动化工具术语  
(English Translation)

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### Foreword

GB/T 48179-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 31.200; CCS L55.

### 1 Scope

This standard is a terminology document for electronic design automation (EDA) tools used in integrated circuit design. It defines the vocabulary used when describing such tools, so that engineers, vendors, customers and regulators use terms in a consistent way across the semiconductor design flow.

Its audience includes EDA software developers, integrated circuit design houses, foundries and design service providers, university and research groups, and technical writers who prepare specifications, contracts, procurement documents or translations. A common vocabulary is also useful for those evaluating tools from several suppliers, since it reduces ambiguity about what a given function or category of tool is meant to cover.

The document was issued on 28 August 2026 and takes effect on 1 March 2027. It is a recommended national standard (GB/T), meaning that it is voluntary unless referenced in a contract or a related document. Readers outside China will find it helpful for matching Chinese industry terms to their international counterparts.