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ICS 31.200
CCS L56

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 20870.7-2026

Semiconductor devices - Part 16-7: Microwave integrated circuits - Attenuators

半导体器件 第16-7部分：微波集成电路 衰减器

(English Translation)

Issued on: August 28, 2026 **Implemented on: March 1, 2027**

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Foreword

GB/T 20870.7-2026 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.

The document adopts an international standard (ISO or IEC).

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

Classification: ICS 31.200; CCS L56.

1 Scope

Attenuators reduce signal level in a controlled way inside radio-frequency and microwave circuits, and this standard deals with them in the form of microwave integrated circuits. It is Part 16-7 of the semiconductor devices series, which sets out terminology and measurement practice for microwave integrated circuit types one at a time.

Integrated circuit designers and manufacturers, makers of communications, radar and test equipment, measurement laboratories and purchasers of microwave components may use it. A shared document helps suppliers and customers describe and verify attenuator characteristics in the same way, which reduces disputes over datasheet figures. It adopts an international standard.

The standard is recommended (GB/T) and therefore voluntary; it applies when a specification or contract cites it. Companies buying microwave components from Chinese suppliers can use it to see how this device type is described in national documents. It was issued on 28 August 2026 and takes effect on 1 March 2027.

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