

# The Implications of Huawei's Latest Mobile Chip for Semiconductor Manufacturing Process Advancements in China

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## Abstracts

On August 29, 2023, Huawei launched its new high-end flagship smartphone, the Mate 60 Pro. The application processor chip, Kirin 9000S, featured in it is produced using SMIC's 7-nanometer process. This demonstrates that China, through SMIC, has gained the manufacturing capacity for advanced semiconductor processes. This report analyzes the technical aspects of SMIC's 7-nanometer advanced process, estimates its actual production capacity, and explores the impact of this development on the global and Taiwanese semiconductor industry.

## Contents

### **1. THE NEW ROLLOUTS OF HUAWEI AND SMIC**

- 1.1 The Huawei Mate 60 Pro: High-End Flagship Smartphone Sparks Global Attention
- 1.2 Kirin 9000S Reveals SMIC's Ability for 7nm Process Mass Production

### **2. ANALYSIS OF SMIC'S 7NM PROCESS TECHNOLOGY**

### **3. ESTIMATION OF SMIC'S 7NM PROCESS PRODUCTION CAPACITY**

- 3.1 Equipment Sources and Factory Locations for SMIC's 7nm Process
- 3.2 Estimation of SMIC's 7nm Process Capacity Based on Huawei Mate 60 Pro Sales Target

### **4. MIC PERSPECTIVE**

- 4.1 China Has Established Stable Advanced Process Capabilities, But Production Capacity Still Constrained
- 4.2 The US Continues New Export Controls
- Appendix
- List of Companies

## List Of Figures

### LIST OF FIGURES

Figure 1 Illustration of SADP Process

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