Acronyms and abbreviations

AEI: American Enterprise Institute
ASML: Netherlands-based firm that is Europe’s largest supplier of semiconductor equipment
AVIC: Aviation Industry Corporation of China
BHDT: Beijing Highlander Digital Technology
CCP: Chinese Communist Party
DoD: Department of Defense
E.O.: Executive Order
FDI: Foreign Direct Investment
FIE: Foreign Invested Enterprises
GGFs: Government Guidance Funds
IMF: International Monetary Fund
MCF: Military-Civil Fusion
MNC: Multinational Corporation
PLA/PLAN: People’s Liberation Army-Navy
PRC: People’s Republic of China
SEZ: Special Economic Zone (in China)
SMIC: Semiconductor Manufacturing International Corp.
WTO: World Trade Organization

Glossary

CHIPS and Science Act: The CHIPS Act of 2022 provides, among other things, appropriations to implement the semiconductor provisions included in Creating Helpful Incentives to Produce Semiconductors for America (CHIPS for America). The act includes $39 billion in subsidies for chip manufacturing on U.S. soil along with 25% investment tax credits for costs of manufacturing equipment, and $13 billion for semiconductor research and workforce training, with the dual aim of strengthening American supply-chain resilience and countering China.

Semiconductor: An electronic circuit component made from a material that is neither a good conductor nor a good insulator (hence semiconductor). Semiconductor devices lend themselves to integration into complex but readily manufacturable microelectronic circuits.

Rep. Mike Gallagher (R-WI): Chairman of the House Select Committee on the Strategic Competition Between the United States and the Chinese Communist Party