MALAYSIA MADANI
kemampanan

MIDA
MALAYSIAN INVESTMENT DEVELOPMENT AUTHORITY

TRANSFORMATION IN MOTION

SECURING HIGH-IMPACT INVESTMENT FOR AN INCLUSIVE ECONOMY

INVESTMENTS
Nearly RM5 billion

MANPOWER
Total: 5,630
86% Malaysians

LOCATION
Pulau Pinang

ELECTRICAL & ELECTRONICS
Product/Services:
Integrated Circuits

1. Wafer bumping
   Workforce : 260
   (Created as of 31 Dec)
   Estimated New Jobs: 809

2. Advanced Packaging (FOED/2.5D) / 2.5D
   Workforce : 100
   (Created as of 31 Dec)
   Estimated New Jobs: 1,196

2. R&D Investment (Bump+C4 & Advanced Packaging R&D)
   Estimated : RM125 million
   As of 31 Dec 2025 - RM145 million

ULTIMATE SOURCE
The People's Republic of China

TF · AMD

TF AMD MICROELECTRONICS (PENANG) SDN. BHD.

TF AMD Microelectronics is shaping the future of semiconductors through a total investment of nearly RM5 billion, with RM1.7 billion for wafer bumping and RM3.0 billion for advanced packaging. Operating across facilities in Penang, the company assembles and tests microprocessors, graphics processors, and gaming console chips using advanced manufacturing technologies that enable next-generation products for high-performance computing, AI, gaming and data centres.

The company strengthens its leadership in high-density fine-pitch bumping, wafer level packaging, and advanced interconnect technologies. These capabilities support higher performance, improved power efficiency, and smaller form factors. Demonstrating its commitment to innovation, TF AMD has already surpassed its R&D target — investing RM145 million against an initial commitment of RM125 million in wafer bumping and advanced packaging research and development.

As of December 2025, a workforce of 5,630, with 86% Malaysians, powers TF AMD's growth. Expansion in wafer bumping and advanced packaging is expected to create 2,005 additional new jobs, further contributing significantly to the state and national economy.

TF AMD invests in people and communities alike, supporting Penang STEM, orphanages, the IEMT Conference, and local welfare organisations.

This is deliberate progress, principled innovation, and meaningful impact.