

# TSMC upbeat coming decade

HPC: High-Performance Computing

CHIPS: Creating Helpful Incentives to Produce Semiconductors

- **Advanced Node Progress**
  - **N5, due to high demand for HPC applications, contributed 19% to total wafer sales**
  - **3nm process enters volume production in 2<sup>nd</sup> half of 2022**
- **No Worries About CHIPS Act**
  - **CHIPS Act provide income tax credit for chip equipment & manufacturing facilities through 2026**
  - **Manageable Costs for overseas Fab construction and talent recruitments**
- **Un-imitable chipmaking success**
  - **Accumulated decades-long R&D know-how and results**
  - **Decade-long cooperation with government (MOEA & Taipower) for electricity supply**
- **Supply Chain Observation**
  - **Fast-growing market share in automotive chip sector**
  - **Qualcomm's recent movement due to Samsung's low yield rate**