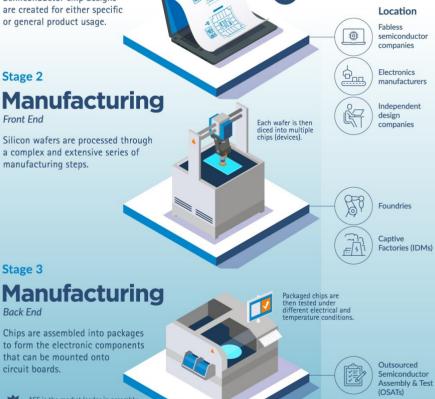


Stage 1

Design

Semiconductor chip designs

around the world, forming the backbone of today's digital economy.



ASE is the market leader in assembly and testing services as well as a leading electronics manufacturing service (EMS) player. **End Product**



Chips are integrated by EMS and OEM companies to create end products.



1.04 trillion



Stage 5

Consumption





End products:



















Integrated Device Manufacturers (IDMs)

From starting production to integrating in finished products, semiconductor production can take months.

Components for a chip can travel more than 25,000 miles by the time of final product integration.