

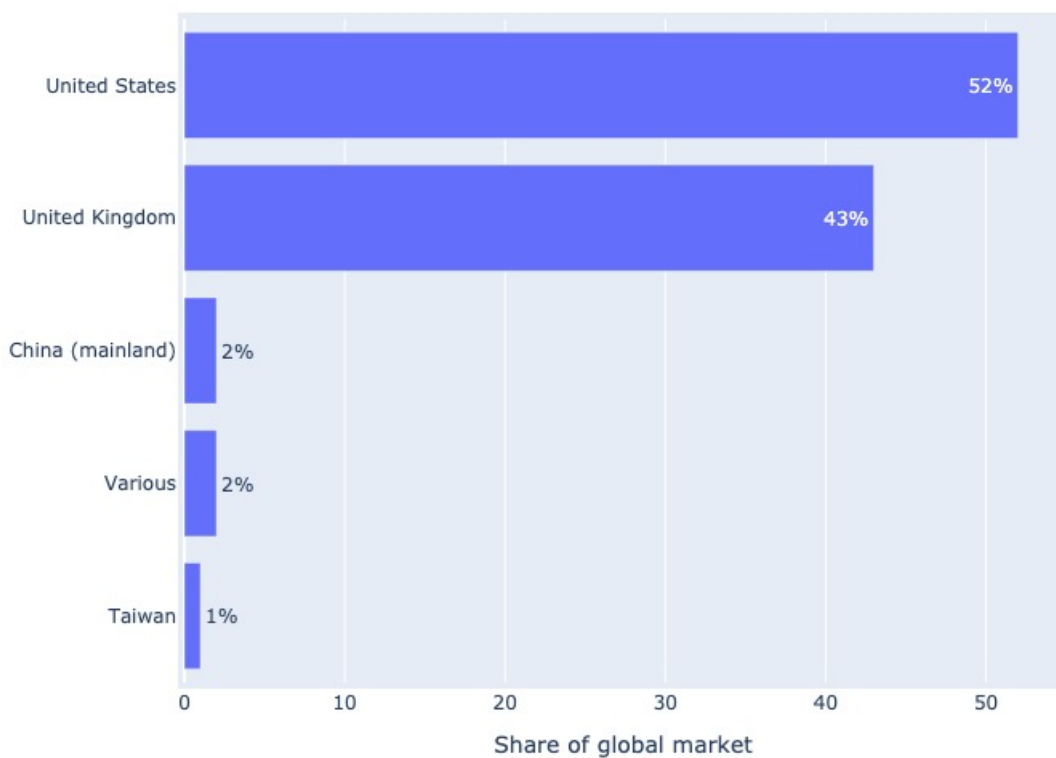
# Supply Chain Explorer: Core intellectual property

This is an export from the Emerging Technology Observatory **Supply Chain Explorer** (<https://chipexplorer.eto.tech>). You can see the web version of this content at <https://chipexplorer.eto.tech/?filter-choose=input-resource&input-resource=N85>.

## Core intellectual property

Core intellectual property (IP) consists of reusable, modular design blocks that chip design firms license for use in their designs. U.S. and U.K. vendors dominate the core IP market; some firms specialize exclusively on core IP, while others combine their offerings with EDA tools. The company ARM is the top core IP vendor, providing an instruction set architecture (ISA) and associated core IP underpinning most of the world's smartphone processors.

### Supplier countries



### Notable supplier companies

- ARM - United Kingdom
- Achronix - United States
- Cadence - United States
- Ceva - United States
- Imagination Technologies - United Kingdom
- Rambus - United States
- SST - United States
- Synopsys - United States
- Verisilicon (negligible market share) - China (mainland)
- eMemory Technology (negligible market share) - Taiwan