# **Supply Chain Explorer**

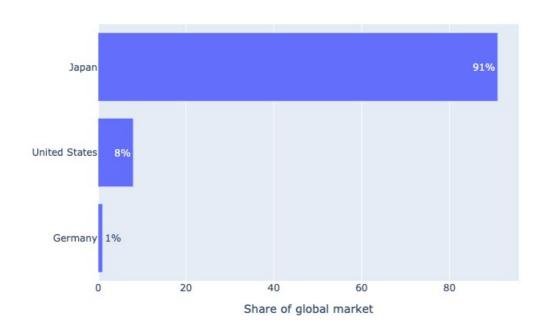
### By the Emerging Technology Observatory

This is an export from the ETO Supply Chain Explorer, available at: <a href="https://TBD.cset.tech">https://TBD.cset.tech</a> You can see the web version of this content at <a href="https://TBD.cset.tech/?filter-choose=input-resource-N29">https://TBD.cset.tech/?filter-choose=input-resource-N29</a>.

## **Electron-beam lithography tools**

Electron-beam (or "e-beam") lithography tools draw patterns in a substrate using electrons. They are the dominant tools for photomask production, and are also infrequently used for low-volume chip production. Like other maskless lithography tools, e-beam tools can quickly and cheaply make new patterns, but are slow at drawing patterns into wafers, making them ill-suited to mass chip production.

### **Country provision**



#### Notable supplier companies

- · Applied Materials (negligible market share) United States
- JEOL Japan
- · NuFlare Japan
- Vistec (negligible market share) Germany