Supply Chain Explorer

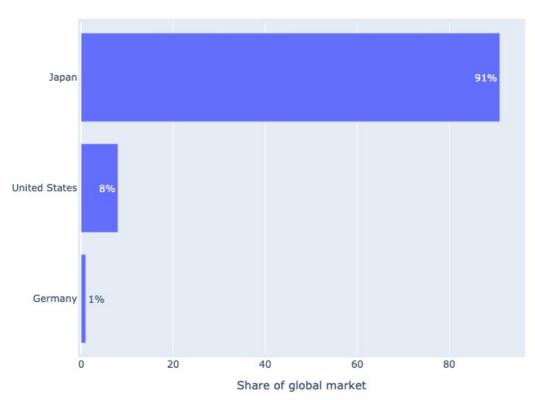
By the Emerging Technology Observatory

This is an export from the ETO Supply Chain Explorer, available at: https://chipexplorer.eto.tech You can see the web version of this content at https://chipexplorer.eto.tech/?filter-choose=input-resource=N29.

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