

# Supply Chain Explorer

By the Emerging Technology Observatory

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## Photoresists

Photoresists are chemicals deposited on a wafer that, when exposed to patterned light that has passed through a photomask, selectively dissolve to form the circuit pattern. Etching is then performed in places where the photoresist has dissolved to transfer the circuit pattern permanently onto the wafer. Photoresists are specific to particular photolithography processes. Japanese firms are the leading producers.

### Country provision

- China (mainland) (negligible market share)
- Japan
- South Korea
- United States

### Notable supplier companies

- Dongjin - South Korea
- DuPont - United States
- EMD Electronics - United States
- Fujifilm Electronic Materials - Japan
- Inpria - United States
- JHM (negligible market share) - China (mainland)
- JSR - Japan
- Kempur (negligible market share) - China (mainland)
- Nata Opto-electronic Material (negligible market share) - China (mainland)
- Ruihong (negligible market share) - China (mainland)
- Shin-Etsu - Japan
- Sumitomo - Japan
- Tokyo Ohka Kogyo - Japan