

# Supply Chain Explorer

By the Emerging Technology Observatory

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## Bonding tools

Bonding tools include die attach tools (to connect dies to lead frames or substrates), wire bonders (to make interconnects between lead frames and die pads), and advanced interconnect tools.

### Variants

- Die attaching tools
- Wire bonding tools
- Advanced interconnect tools

### Supplier countries (Variants)

- Belarus
- China (mainland)
- France
- Germany
- Japan
- Netherlands
- Singapore
- South Korea
- Taiwan
- United States

### Notable supplier companies (Variants)

- ASM Pacific - China (mainland)
- Besi - Netherlands
- Canon - Japan
- DIAS Automation - China (mainland)
- Fasford Tech - Japan
- Hesse - Germany
- Hoson - China (mainland)
- KOSES - South Korea
- Kulicke & Soffa - Singapore
- PROTEC - South Korea
- SSP - South Korea
- Shinkawa - Japan