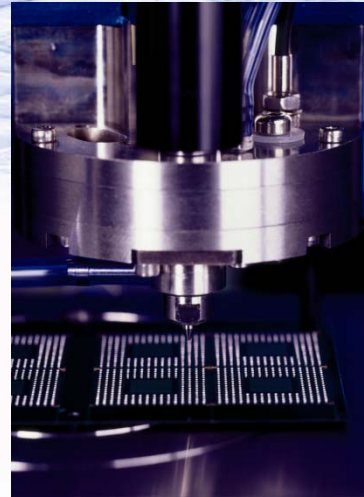


Laser assisted Solder Jetting on Specialty Substrates

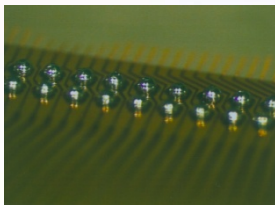
SB²-Solder Jetting Services

Specifications:

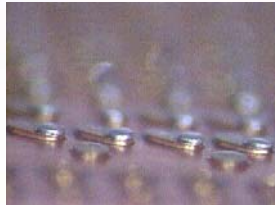
- 40µm-760µm solder spheres
- 80µm-1mm pad pitches
- SnPb37, SnAgCu, SnAg, High Lead, AuSn, InSn, SnBi
- No tooling
- No thermal & mechanical stress
- No additional reflow
- Volume production & prototyping capability



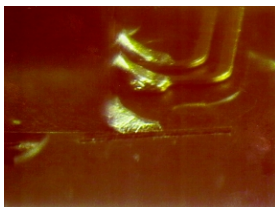
SB²-Jet Bond Head



Solder Via Filling



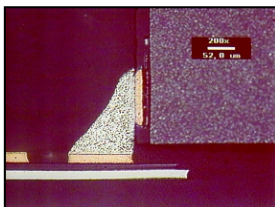
Solder Planarization



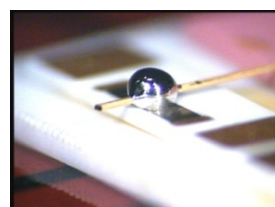
3-D Ball Placement



Solder Stacking



3-D Ball Placement



Glas Fiber Attach



Automatic SB²-Jet

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