



**Ironwood**  
ELECTRONICS

- Board-to-Board Connectors
- IMPERIUM Thermal Systems
- Sockets/Fixtures
- Grypper Technology
- Adaptors
- Turn-Key
- Custom Solutions

### Board-to-Board Connectors



- Connectors using elastomer, spring pin, and pin/socket interconnect technologies provide up to 94 GHz of bandwidth in the smallest possible footprint, for both prototype and production applications

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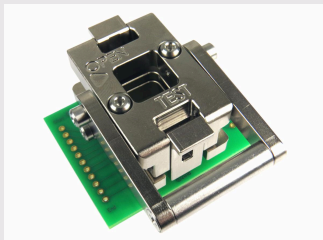
### IMPERIUM Thermal Systems



- Provides complete Thermal Test & custom socket solution
- Actively controls DUT temperature from -55 to 155°C & socket contact force
- Ironwood thermal control systems are universally compatible with all sockets, adaptors & surface mount components

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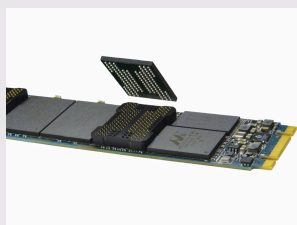
### Sockets/Fixtures



- ATE socket capability
- DC to 110 GHz performance BGA sockets, WLCSP sockets, BGA sockets and QFN sockets utilise smallest industry footprint that accommodates 0.2mm device pitch up to 10,000
- Custom sockets available

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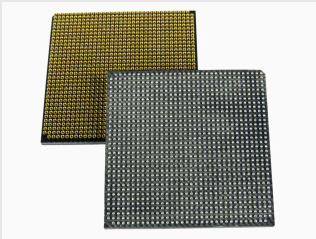
### Grypper Technology



- Zero footprint BGA socket for Characterisation & Failure analysis accommodates device pitch of 0.35mm and above
- Device pincount up to 3600

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## Adaptors



- BGA socket adaptor systems and Board-to-Board interconnection for engineering and production use of devices with pitch 0.75mm and above Device pincount up to 2000

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## Turn-key

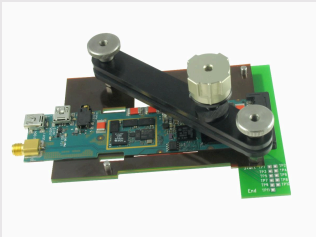


Solutions includes:

- High density PCB design & manufacturing
- IC/component procurement services
- Automated pick & place assembly (both SMT & through hole)
- In-circuit/boundary scan test and tray, tape & reel packaging

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## Custom Solutions



Quick turn custom solutions include:

- 30amp spring pin socket for DC-DC module
- Spider socket that mounts on to existing holes in the production PCB
- Custom configuration module socket

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[Learn more about Ironwood](#)

[Contact Melcom - for detailed specification, pricing & availability](#)

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