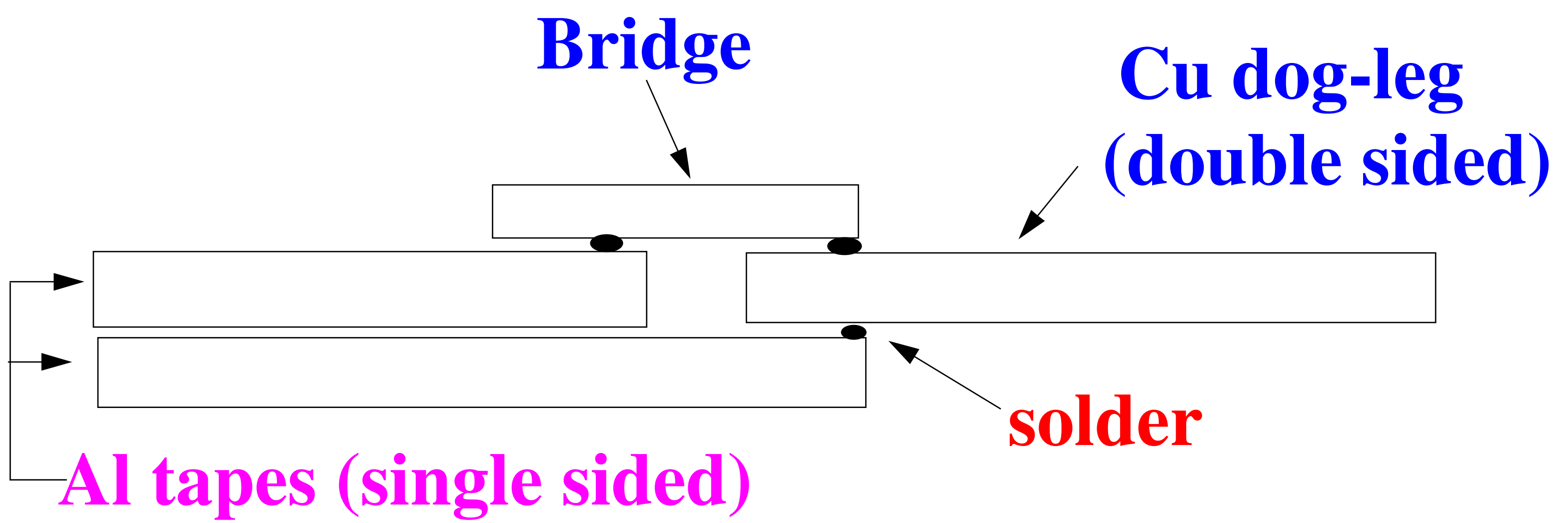
Dog-leg to Low Mass Tape Connection

- **System test 98 used ZIF connector to join dog-leg to Al power tape.**
- **ATLAS solution should avoid connectors**
  - **- minis mass**
  - **- reliability**
- **Solder connection**



• Operation

- apply solder with "silk screen" process
- attach with temporary tape.
- apply heat with hot air blower (will purchase special hot air blower for SMD work) and remove tape.

• Examples

- Double sided Cu to single sided Cu connection.
- single sided Al to Cu connection.
- n.b. Al requires Ni/Au plating (can be done by Ljubljana).
- Cu tape can also be Ni/Au plated.