

SMT Adapters

SMT adapters allow GHz sockets to mount on PCB where no mounting holes exist and SMT pads exist for each contact. Ironwood's standard GHz elastomer or Spring pin sockets or other technology sockets can be mounted on SMT adapters.

Standard Parts

- [SMT Adapter Table](#)

The SMT adapter consists of standard high temperature FR4 with plugged via technology, eutectic SN63PB37 solder balls or SAC lead free solder balls and threaded inserts for mounting the socket. The top side of adapter has SMT pads to receive socket interconnect and the bottom side has appropriate solder balls for corresponding pitch. This FR4 adapter with balls can be soldered to the SMT pads in the target board. Then socket can be mounted to the threaded insert on the FR4 adapter.

These SMT adapters require more board space around the device pattern. If the space is limited to chip size, then chip size Giga-snap female adapter can be solder to the target board. GHz socket mounted on to a male pin adapter can be plugged into the female Giga-snap adapter to complete the connection.



