

Abstracts

Automated Interconnect on GaAs Integrated Circuits

J.S. Pavio and D. Bretzke. "Automated Interconnect on GaAs Integrated Circuits." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 423-426.

Although GaAs integrated circuits provide significant advantage over silicon in both digital, microwave applications, automated assembly of this brittle material presents a considerable technical challenge. As volume and cost effective demands increase, automated interconnect becomes a key requirement. This paper discusses how automation can be achieved with consistent reliability in ball bonding on GaAs.

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