

Abstracts

Miniature Hybrid Microwave IC's Using a Novel Thin-Film Technology (1990 Vol. I [MWSYM])

K. Eda, T. Miwa, Y. Taguchi and T. Uwano. "Miniature Hybrid Microwave IC's Using a Novel Thin-Film Technology (1990 Vol. I [MWSYM])." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 419-422.

A novel thin-film technology for miniature hybrid microwave ICs is presented. All passive components are fully integrated on ordinary alumina ceramic substrates using the thin-film technology with very high yield. The numbers of parts and wiring processes were significantly reduced. This technology was applied to fabrication of Ku-band solid-state power amplifiers.

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