

Abstracts

Al-SiO₂/Al On-Chip Sandwich Microstrip Lines for Interconnects Up to 400 GHz

E. Stein Von Kamienski, J. Gondermann, H.G. Roskos and H. Kurz. "Al-SiO₂/Al On-Chip Sandwich Microstrip Lines for Interconnects Up to 400 GHz." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 393-396.

We present a downscaled 2 μm wide microstrip line fabricated with both signal and ground conductors on top of the substrate. On this waveguide, a significantly reduced geometric dispersion for 400 GHz bandwidth pulses is measured by time-resolved electrooptic sampling technique.

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