

# Abstracts

## Picosecond Photoconductive Switches Designed for On-Wafer Characterization of High Frequency Interconnects

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L.P. Golob, S.L. Huang, C.H. Lee, W.H. Chang, K. Jones, M. Taysing-Lara and T. DeAnni.  
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Photoconductive switches fabricated by compatible microwave device processing techniques are used for on-wafer characterization of a long high-frequency interconnect, exceeding 160-GHz measurement bandwidth. Full characterization of this interconnect structure is important for determining cycle time of the future high speed computer.

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