

# Abstracts

## Clocked Diode Pulse Amplifiers for Microwave Bit Rates

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*B.G. Bosch, U. Barabas, U. Wellens and U. Langmann. "Clocked Diode Pulse Amplifiers for Microwave Bit Rates." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 172-174.*

Diode amplifiers which essentially rely on the storage and switching behavior of step-recovery diodes are investigated for regenerating high bit-rate PCM-type signals. Two preliminary hybrid-integrated versions have been developed and tested at 300 Mbit/s and 1 Gbit/s.

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