

Abstracts

A Monolithic 2-20 GHz GaAs PIN Diode SP16T Switch

S.D. Pritchett and D. Seymour. "A Monolithic 2-20 GHz GaAs PIN Diode SP16T Switch." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1109-1112.

A Broadband Monolithic Single-Pole Sixteen-Throw (SP16T) Switch has been fabricated using GaAs Vertical PIN Diodes. The SP16T switch features < 4.5 dB Insertion Loss with >35 dB isolation across the 2-20 GHz band. A novel de-embedding scheme used for switch characterization is also introduced.

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