

Abstracts

A programmable high-isolation monolithic millimeter-wave SPST switch

S. Nam, D.L. Raynes and I.D. Robertson. "A programmable high-isolation monolithic millimeter-wave SPST switch." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. I [MWSYM]): 501-504.

A novel programmable switch design technique is presented. The design uses an analog reflection topology with PHEMT reflection terminations. The programmable switch provides a maximum of 60 dB isolation with a programmable frequency range of 40 to 57 GHz.

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