

Abstracts

Digital reflection-type phase shifter based on a ferroelectric planar capacitor

V. Sherman, K. Astafiev, N. Setter, A. Tagantsev, O. Vendik, I. Vendik, S. Hoffmann-Eifert, U. Bottger and R. Waser. "Digital reflection-type phase shifter based on a ferroelectric planar capacitor." 2001 *Microwave and Wireless Components Letters* 11.10 (Oct. 2001 [MWCL]): 407-409.

Novel design of an integrated digital reflection-type phase shifter based on a Barium Strontium Titanate thin-film capacitor is presented. Measured characteristics of the phase shifter are compared with the theoretically predicted ones.

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