

Abstracts

A New Approach for the Design of Microwave and Filters Using Dielectric Oscillators Resonators

A. Podcameni and L.F.M. Conrado. "A New Approach for the Design of Microwave and Filters Using Dielectric Oscillators Resonators." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 169-172.

A comprehensive model for the transmission-mode dielectric resonator coupled to microstrip line is given. New approach design for parallel feedback oscillators and bandpass filters are discussed. A low-noise oscillator and two different filters, using both the same hardware, are presented.

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