

Abstracts

New Type of Push-Push Osciliators for the Frequency Synthesizer

H. Yabuki, M. Sagawa and M. Makimoto. "New Type of Push-Push Osciliators for the Frequency Synthesizer." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 1085-1088.

This paper describes the fundamental principle of novel voltage controlled push-push oscillators (oscillator/doubler) and shows their application to a frequency synthesizer for L-band operation. The experimental frequency synthesizer made it clear that they have the advantages of high frequency operation, compact size and low power consumption.

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