

Abstracts

Highly Integrated Mixed-Signal L-Band Configurable Receiver Array

R.M. Herman, A. Chao, J. Deichsel, C.H. Mason and A. McKay. "Highly Integrated Mixed-Signal L-Band Configurable Receiver Array." 1994 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 94.1 (1994 [MCS]): 23-26.

A configurable array of mixed-signal receiver functions has been developed to address highly integrated receive/ transmit applications up to 2 GHz. The array has been used to implement an IC containing a programmable synthesizer, low-noise frequency down-conversion with variable gain, a 4bit A-to-D, RMS detector, and frequency up-conversion.

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