

# Abstracts

## Bi-Polar IC's for Microwave Signal Processing

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C. Ryan. "Bi-Polar IC's for Microwave Signal Processing." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 37-39.

Various microwave signal processing functions can be performed with monolithic circuits designed to operate as high speed logic elements. The ease of interfacing with these circuits for various modes of operation offers a significant advantage over more conventional microwave components. The application of the one GB/S logic family is demonstrated by a 2 GHz prescaler, a QPSK Modulator, a QPSK Demodulator and an Adaptive Equalizer.

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