

Abstracts

A 2.4GHz Single Chip Transceiver

L.M. Devlin, B.J. Buck, J.C. Clifton, A.W. Dearn and A.P. Long. "A 2.4GHz Single Chip Transceiver." 1993 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 93.1 (1993 [MCS]): 23-26.

A single chip, GaAs transceiver is described. The circuit includes all transmit and receive switching, amplification, frequency conversion and level shifting. An on chip oscillator is also provided. Low receive current of 30mA from a +5V supply and a standby current of less than 0.5mA, make this an ideal component for battery powered operation.

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