

Frequency To Digital Sigma Delta Based Frequency Modulation Frequency Shift Keying (Fmfsk) Receiver Design

Abstract:

A simple and unique architecture for frequency to digital delta sigma modulation-frequency modulation / frequency shift keying (FDSM-FM/FSK) receiver for MICS band range of 400 MHz to 405 MHz is proposed comprising a saw filter between antenna and amplifier, a zero cross detector, a D flip flop FDSM (D-FF FDSM), and a decimator.

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