Abstract

Recently, Low noise amplifier versatile used in modern wireless communication like Wi-Max, WLAN, GSM, Bluetooth and satellite communication. Low Noise amplifier have important feature like amplify the signal with rejection of noise. Low noise amplifier in modern communication used as filter with amplifier. In recent scenario low noise amplifier available in wide band, single band, multi-band frequency of application. In present days low noise amplifier the also reduces the reflection of signal exist by elements and connecting interface inside the amplifier. Low noise amplifier available with high gain, noise rejection and with less power consumption. In this paper review the work of past decades done in low noise amplifier. Low Noise Amplifier (LNA) is versatile used as a broadband mixer, low noise amplifier, power amplifier and Darlington amplifier, active balunes, multiband amplifier. Today technology required high speed of transmission efficiency with small power consumption and less utilization of elements in proposed amplifier, Low Noise Amplifier (LNA) products full fill all requirement of modern wireless communications, so that review and discussion, future requirement of technology is needed to discuss. In this paper discusses issues of low noise amplifier, its
application, issues and recent trends. In this paper review some techniques of Low Noise Amplifier (LNA) to improve perform and surveyed almost all the Possible Work of Past Decades.

References

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Index Terms

Computer Science Wireless
Keywords

Ultra-wideband (UWB), Differential mode of application, cross coupled feedback, Direct–Coupled amplifier.