

An Amplifier Suitable for Use in a Radiotelephone

Abstract of the Disclosure

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The amplifier (201) uses transistors (301, 303) such as MOSFET transistors, in a current mirror configuration. The transistors (301, 303) are easy to package as surface mount devices. The output power of the amplifier (201) is controlled by controlling the bias current flowing through the amplifier stage (201). Additionally, the amplifier has low sensitivity to the variations of the bias current to the control signal threshold. These characteristics make the amplifier ideal for use in a radio transmitter, such as a radiotelephone (103).

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