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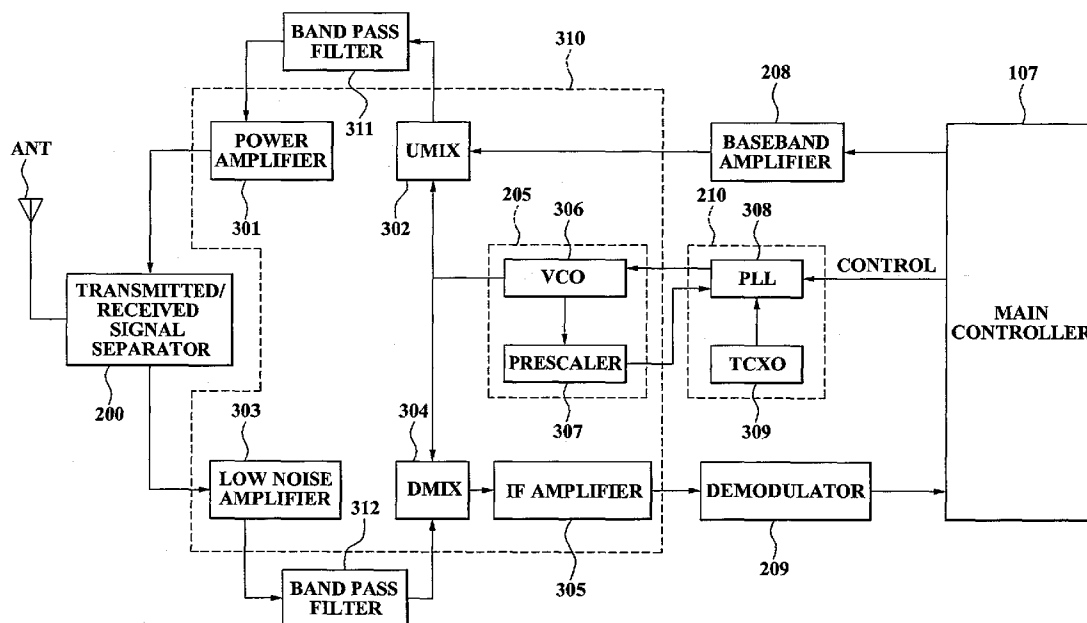
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(54) Title: APPARATUS FOR PROCESSING A RADIO FREQUENCY SIGNAL FOR AN AUTOMOBILE BASED TERMINAL



(57) Abstract: An RF signal processing apparatus includes a transmit/receive signal separator, an RF signal transceiver module and a frequency generation unit. In this instance, the RF signal transceiver module is integrated into an MMIC chip. The present invention integrates principal configuration elements of the RF signal processing apparatus into an MMIC chip which can be manufactured in one process on a semiconductor substrate. Accordingly, miniaturization and lightness of the RF signal processing apparatus may be embodied. Also, inexpensiveness may be achieved by a semiconductor manufacturing process.

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