

ABSTRACT

WIRELESS LOCAL AREA NETWORK COMMUNICATIONS MODULE AND INTEGRATED CHIP PACKAGE

A wireless radio-frequency (RF) module comprises an antenna to receive first RF signals, and to transmit second RF signals; a communication circuit comprising a receive circuit to produce first digital data based on the first RF signals, and a transmit circuit to produce the second RF signals based on second digital data; a host interface to provide the first digital data to a host, and to receive the second digital data from the host; an external antenna interface to receive the first RF signals from, and to transmit the second RF signals to, an external antenna; and at least one switch to provide a signal path for the first and second RF signals between the communication circuit and one of the antenna and the external antenna interface in accordance with a control signal.

FIG. 7



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