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Bluetooth ID-Based Phone Information Notification BIIN

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Bluetooth ID-Based phone Information Notification BIIN

Final Report
April 30, 2008
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ABSTRACT

Bluetooth is the fastest growing technology since the Internet or cellular phone. These facts have brought attention to the use of Bluetooth technology and the core of the report. This report provides new feature to the Bluetooth world that has not been introduced to the market. This report discusses the Bluetooth ID-based on phone information notification design that is introduced as senior design project. The design will provide the availability to Bluetooth headset users to identify the party that is calling without the necessity of going to look on the display of the phone that is-perhaps-sitting in the other room. The Bluetooth ear piece will have the functionality to state the number of the party that is calling digit-by -digit by means of the voice IC instead of the default beep that is set in the Bluetooth ear pieces currently in use. The phone communicates to a Bluetooth serial module, via Bluetooth signal and the module directly converses with 8051 microcontroller. The task of the microcontroller is to receive the caller ID information that was sent from the phone through the module and transmits the signal to voice IC that announces the number.

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