

CIRCUIT UNITS FOR IMPLEMENTING NEAR FIELD COMMUNICATION AND NFC DEVICES

ABSTRACT

This specification provides a circuit unit for implementing near field communication and an
5 NFC device. The solution includes an NFC antenna, an NFC chip, and an excitation circuit, where
the NFC antenna is connected to the NFC chip, the NFC chip is connected to the excitation circuit,
and the NFC chip is configured to: obtain first energy in a case that the NFC antenna senses a radio
frequency field of a user terminal device, and provide a part of the first energy to the excitation
circuit; and the excitation circuit is configured to generate and send an excitation signal by using
10 energy obtained from the NFC chip, wherein the excitation signal is used to excite the user terminal
device to communicate with a device comprising the circuit unit.

FIG. 2

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