

General Description

The FOBIK is a stand-alone handheld device which contains no I/O circuitry and operates as a transmitter (RF) and transponder (LF).

In transmitter mode, the circuit is powered by a 3V lithium CR2032 battery and transmits when one of the buttons is pressed; the communication occurs either at 433.92 MHz. There are up to seven buttons on the key, which are used for RKE lock, unlock, trunk or liftgate, left power sliding door, right power sliding door, panic, and remote start.

In transponder mode, the circuit is powered by inductive coupling through the magnetic field produced by the base station (WIN module) and communicates at 125 KHz.

Technical Data

Carrier Frequency:	433.92MHz +/- 0.75 kHz
Modulation Type:	ASK
Method of Generation:	Saw Based Colpitts
Power Supply:	CR 2032 3V Lithium battery