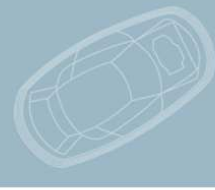
VHETRON
ELECTRONICS CO., LTD.

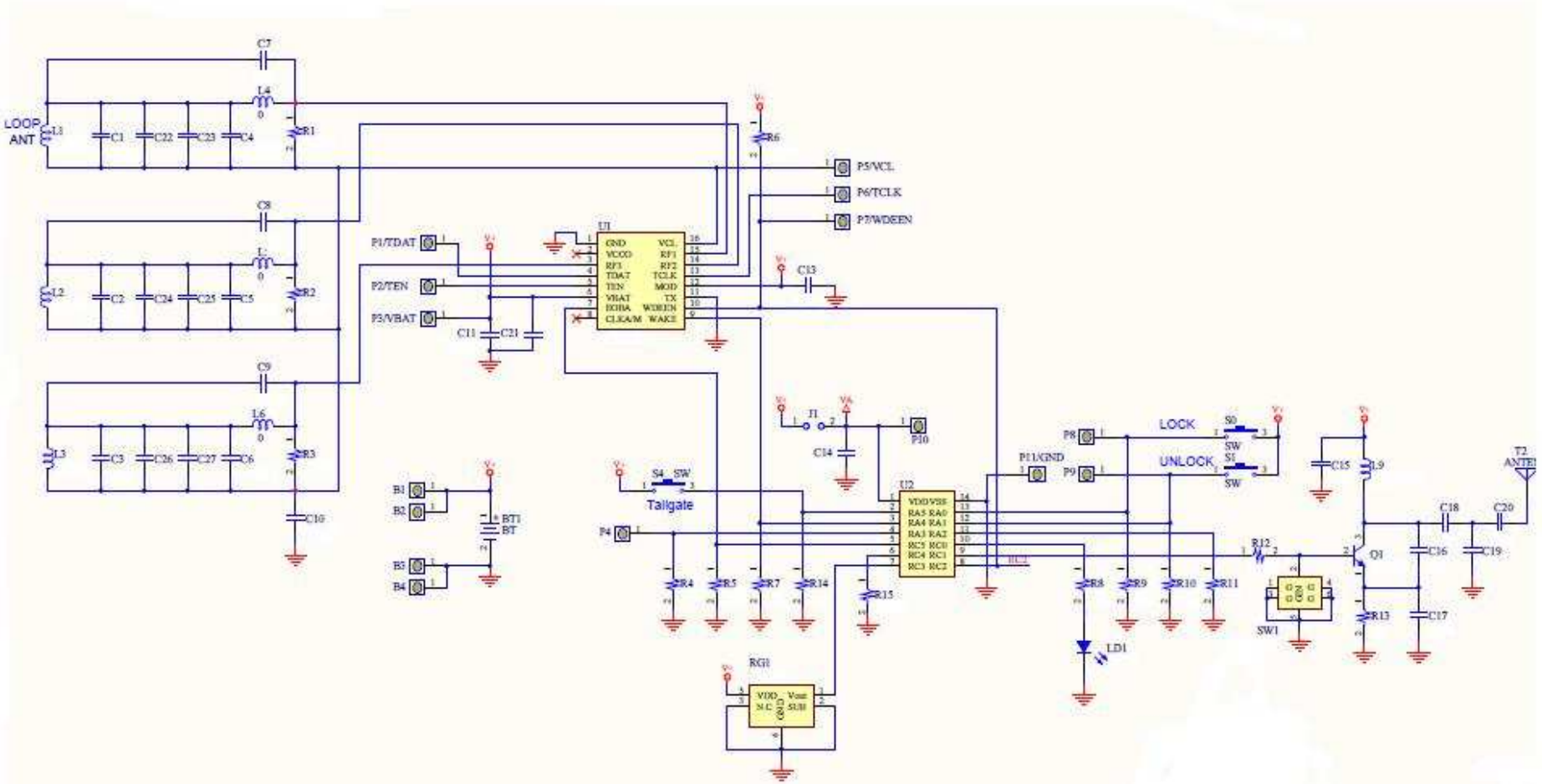
Smart Keyless 28595 SU102
TECHNICAL DOCUMENTS

General Technical Description

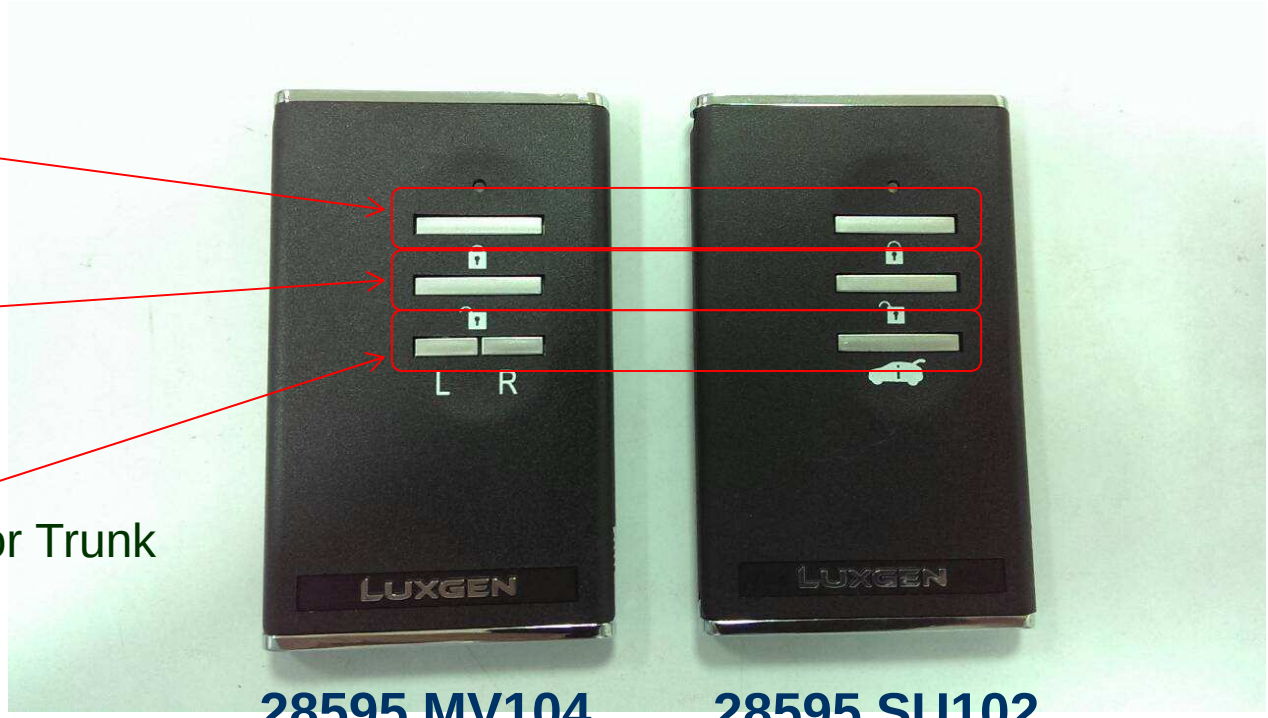


Model：28595 SU102
Rated voltage：DC 3V
Operating current：8mA (max)
Dark Current：8uA (max)
Operating temperature range：-20 ℃ ~ 60℃ (Without batteries)
Storage temperature range：-40 ℃ ~ 85℃
RF frequency：315MHz±150KHz
LF frequency：125KHz±1KHz
Battery Type：CR1632
Modulate：ASK
Encoding：MANCHESTER

SCHEMATIC DIAGRAM 28595 SU102

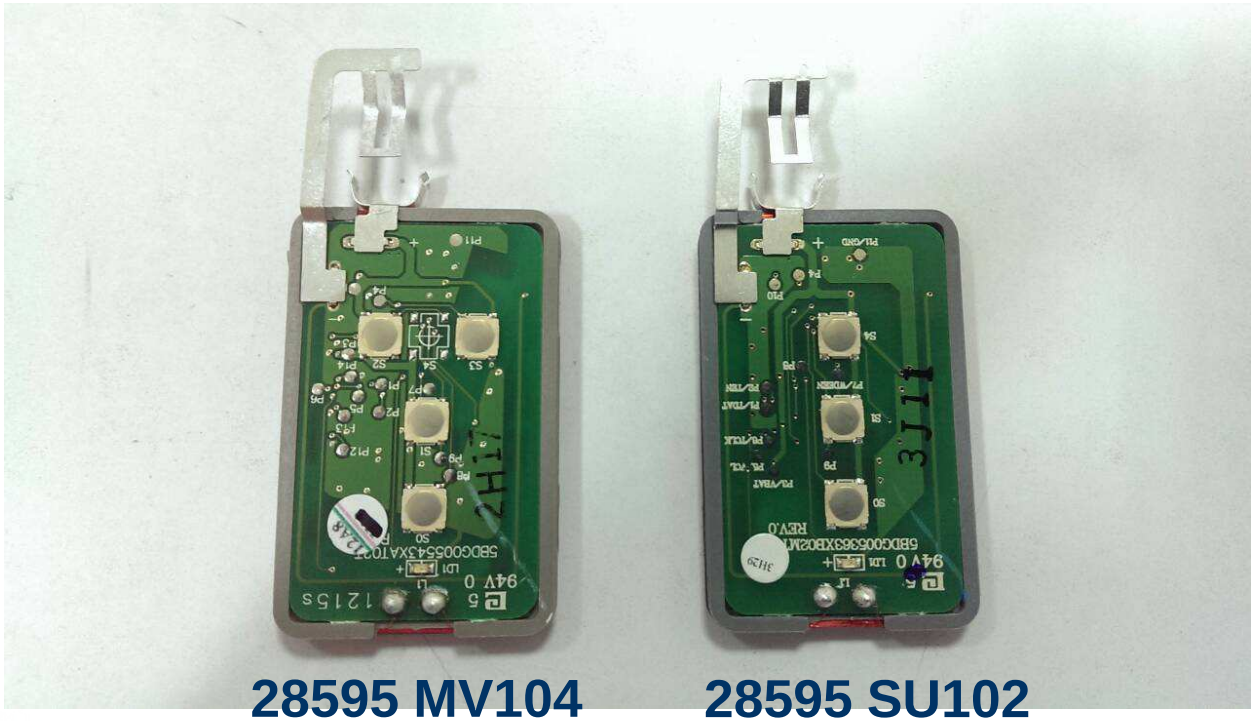


PHOTOGRAPHS



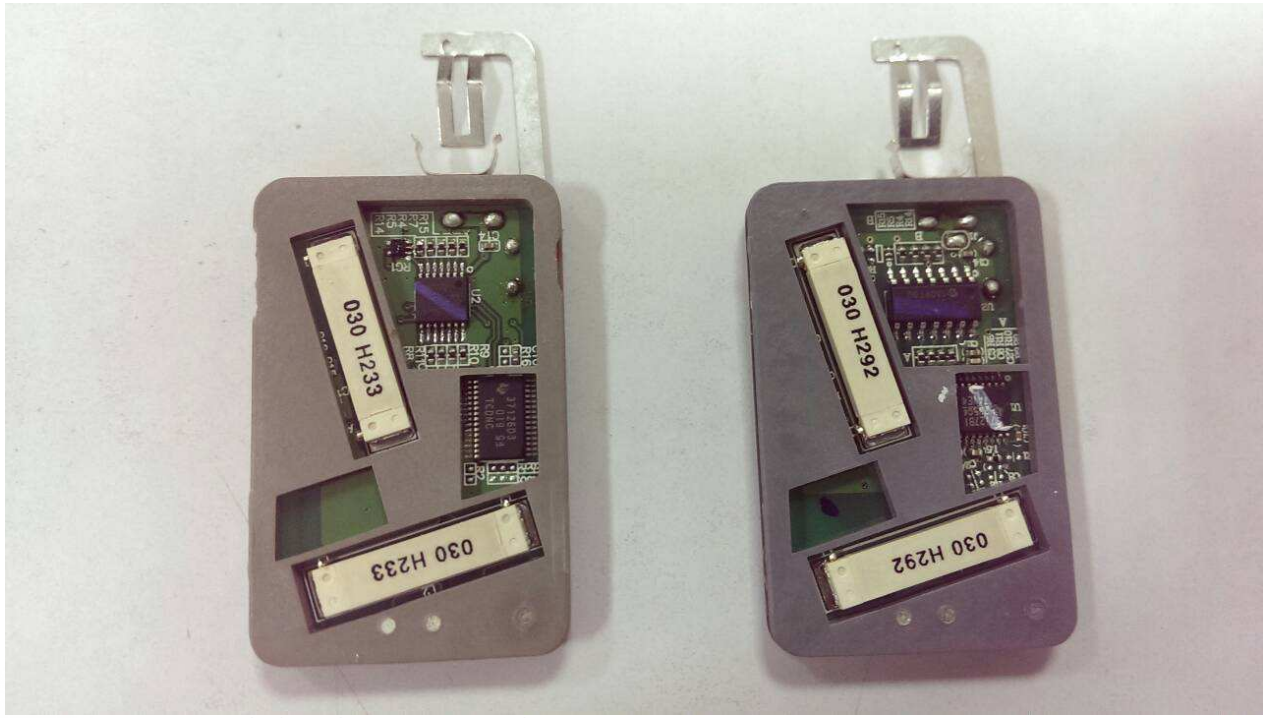
28595 MV104 **28595 SU102**

P.C.B (Front)



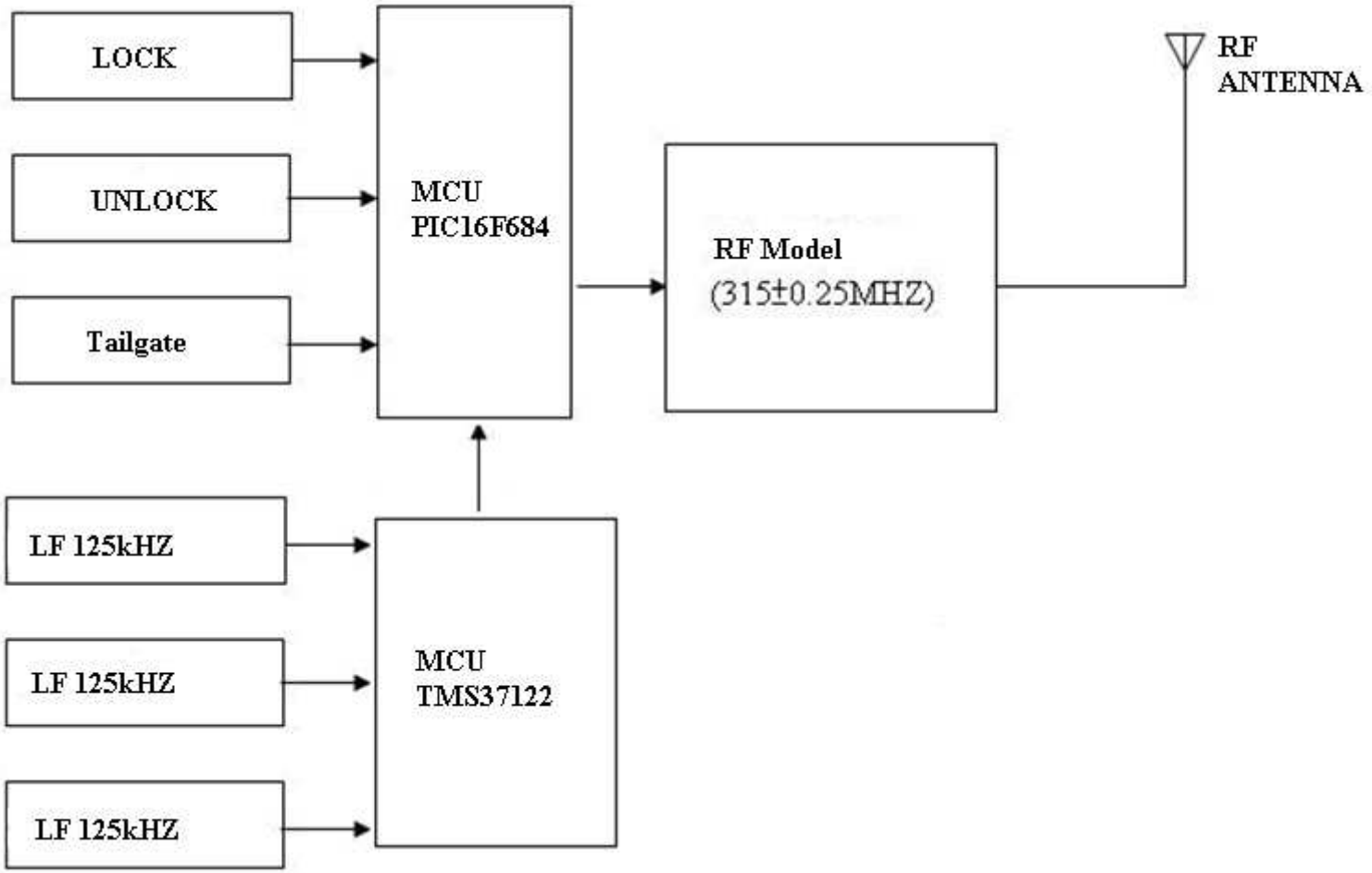
28595 MV104　　28595 SU102

P.C.B (Back)

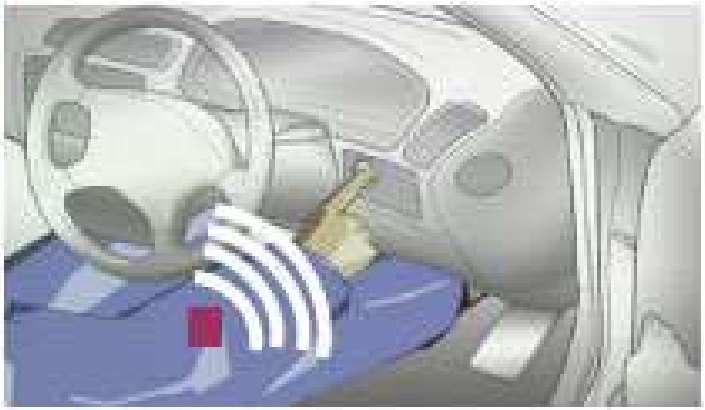


28595 MV104 28595 SU102

TX：28595 SU102



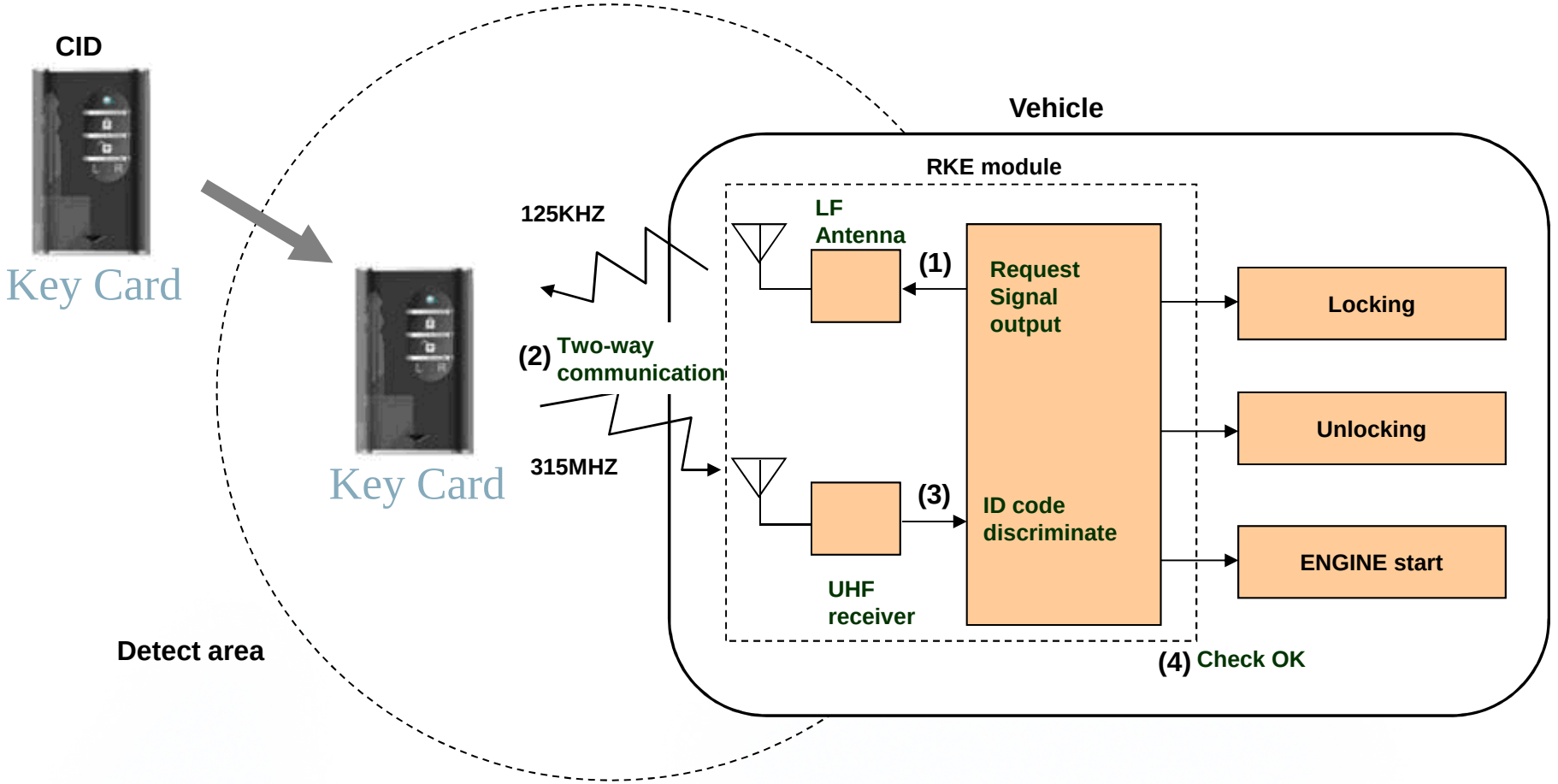
USER OPERATION INSTRUCTION



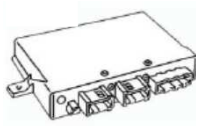
: Passive key

SMART KEYLESS ENTRY

System Operation Schematic



SMART KEYLESS ENTRY



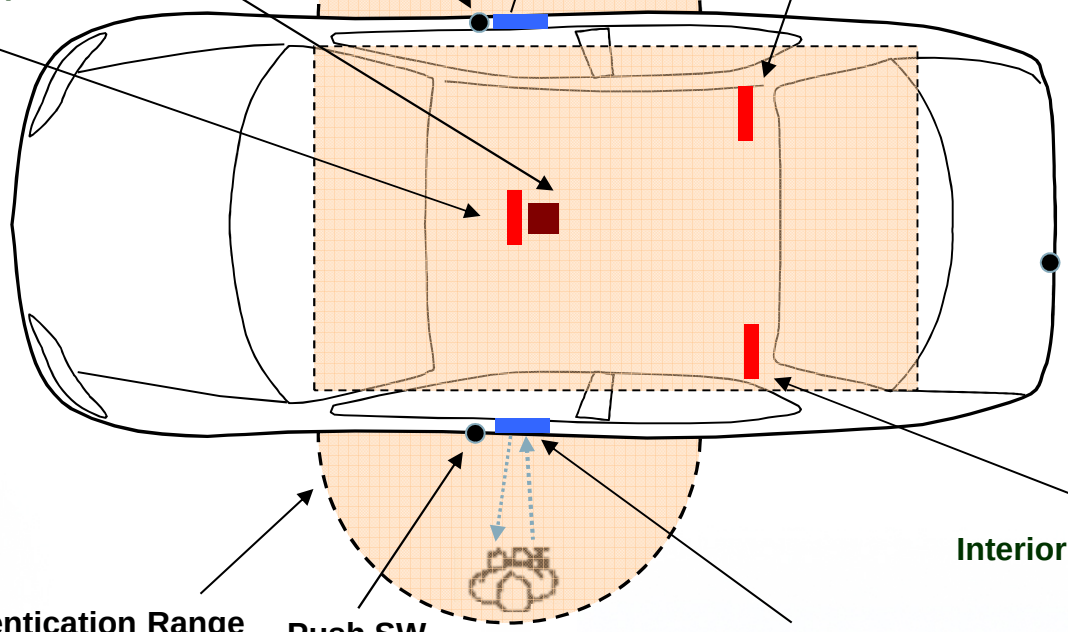
Smart keyless ECU

Push SW

Radius：≦0.8m

Interior antenna (Right area)

Interior antenna (IP area)



Interior antenna (Left area)

Authentication Range

Push SW

Exterior door handle antenna

INSTRUCTIONS

ALARM

TX：28595 SU102

28595 SU102

Description:

Alarm TX:28595 SU102, as car alarm remote control door lock when the alarm is set immediately after the alarm is triggered if the doors, trunk, hood is opened or the vehicle being struck, this time the direction of light flashes and a speaker beep 15 seconds; when you press the lift button, door lock, under the direction of said anti-theft light flashes three released; when the burglar released under the remote control or the side door open and close the tailgate.

FCC Notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
--Reorient or relocate the receiving antenna.
--Increase the separation between the equipment and receiver.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning:
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.