

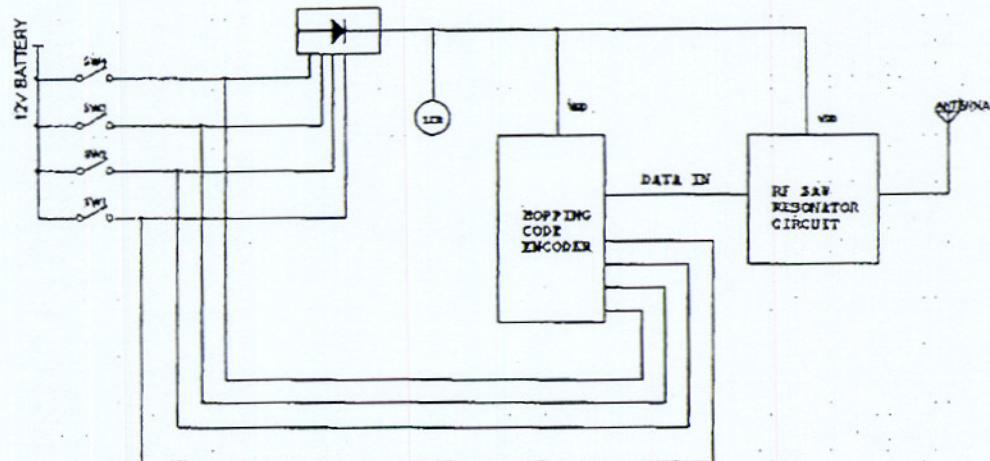
## TXF4311R Users Manual

### FEATURES

- .SAW resonator base
- .Led indicator
- .Each transmission is unique
- .32-bit hopping code

### APPLICATION

- .Keyless entry systems
- .Automotive alarm systems
- .Automotive immobilizers
- .Gate and garage door openers



### DESCRIPTION

TXF4311R Transmitter is a crystal base radio frequency remote controller. It utilizes the KEELOQ code hopping technology which incorporates small size, highly integrated and high security, to make TXF4311R a best solution for replacement of traditional fixed code remote controller.

It will transmit an unique non-repeated code when you press the button of remote controller. Almost same frequency FSK Super-Hetrodyne RF receivers can pair with TXF4311R.

TXF4311R family has four selection available: TXF4311R (1 key).

### OPERATION

As shown in above block diagram:

### ***Federal Communication Commission Interference Statement***

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 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.

***FCC Caution*** :To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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.