

# User Manual

## 1. Product Description

This module is based on radio frequency 315MHz communication to realize remote opening of the car charging door. The system regularly detects the key status of the charging gun. When the button is pressed, the system transmits the remote control signal of the car charging door.

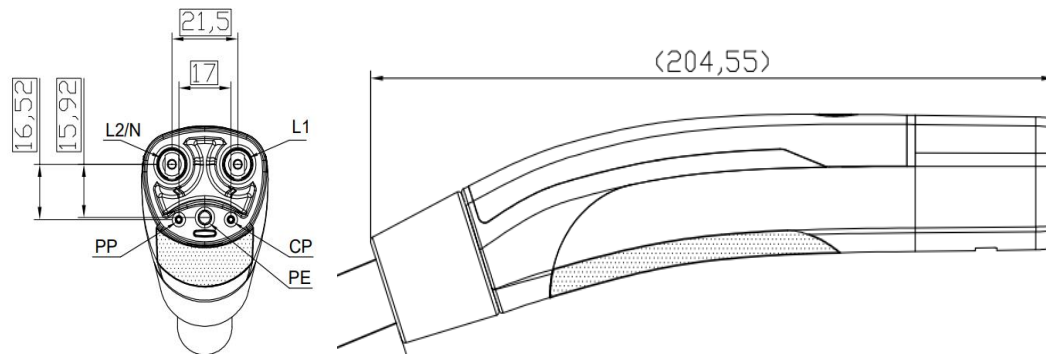
Model Name :

LWEV-NA32-F240,LWEV-NA50-F240,LWEV-NA50-F240-1,  
LWEV-NA50-F240-2,LWEV-NA50-F240-3,LWEV-NA80-F240,  
LWEV-NA80-F240-1,LWEV-NA80-F240-2,LWEV-NA250-F1000,  
LWEV-NA350-F1000,

The power input of the module is DC +12V.



## 2. Product Outline



## 3. Antenna Spec.

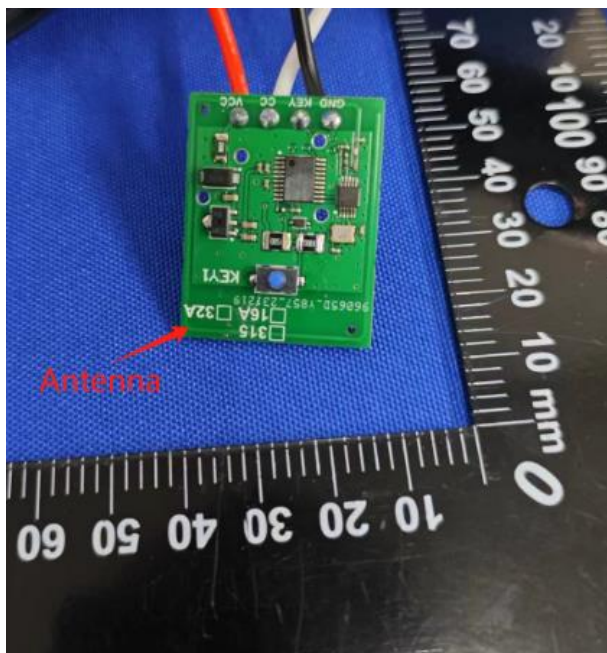
Antenna Designation: PCB antenna

PCB SIZE : length 35.50+/-0.20mm X width 28+/-0.20mm

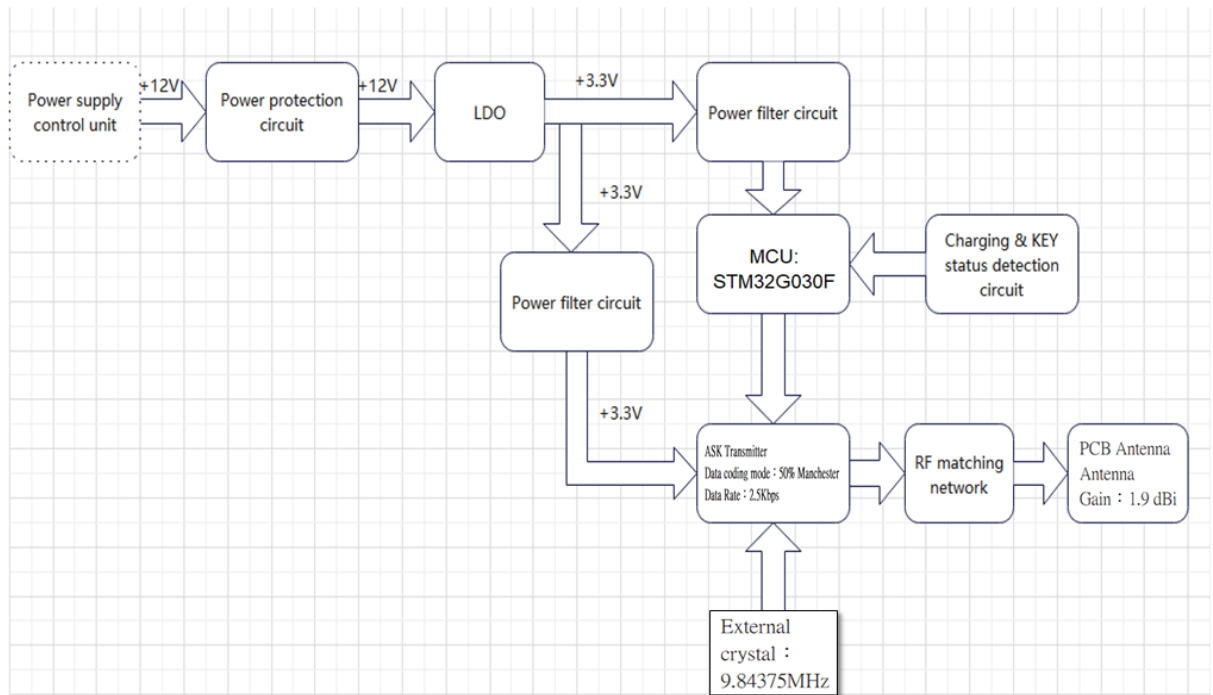
Antenna Gain: 1.9 dBi

PCB manufacturer : DIGITAL PRINTED CIRCUIT BOARD CO LTD

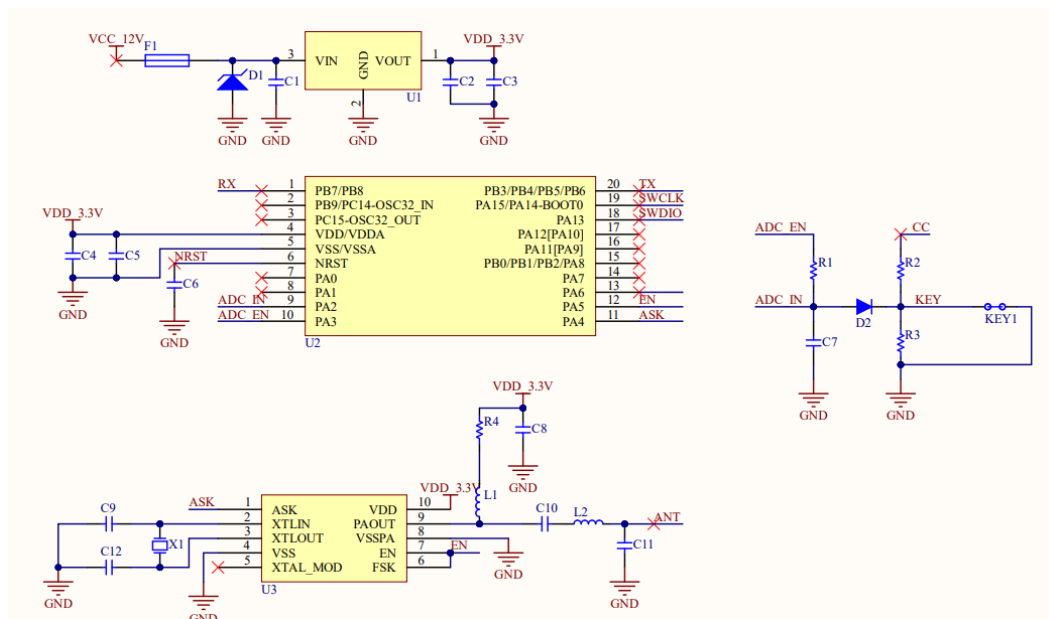
Address : No. 298, ChaXing Road, ChaShan Town DONGGUAN,  
GUANGDONG 523380 China



## 4. Block Diagram



## 5. Schematic diagram



## 6. Things to note:

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,
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

“Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment”.

“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.”

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.