C-V2X PC5

T01

LGA Form Factor	-40℃ ~ +85 ℃	Antenna Switching Diversity
Band47&46D*	PCIe Interface	GNSS
UART/I2C/SPI/ADC/GPIO	SDIO Interface	USB 2.0/3.0

For C-V2X Applications

T01 is a C-V2X wireless communication module in an LGA package that supports Band 47 and Band 46D* .

Antenna Switching Diversity which allows the end-device to be equipped with two distinct cellular antennas improving the quality and reliability of the wireless connectivity.

The module supports C-V2X functionality through a PC5 interface for vehicle-to-vehicle (V2V), vehicle-to-pedestrian (V2P), and vehicle-to-infrastructure (V2I) applications.

ECARX

SN: XXXXXXXXXXXX

RoHS   Y-M-W-D

湖北亿咖通科技有限公司

T01
C-V2X MODULE

General Features
- LGA Package
- Dimensions: 32mm $\times$ 29 mm $\times$ 3mm
- Network type: 3GPP Release 14 C-V2X PC-5
- GNSS Function
- Frequency Band :
  - LTE TDD Band 47
  - LTE TDD Band 46D *
- Antenna Switching Diversity (ASDiv)

Interfaces
- PC5 Interface(support C-V2X Functionality)
- USB 2.0 &3.0
- 3 $\times$ UART interfaces
- 2 $\times$ SPI interfaces
- 2 $\times$ I2C interfaces
- 1 $\times$ PCIe interface
- Antenna (RF PAD for Primary, Diversity and GNSS)
- SDIO Interface (1.8V, 8 bits, WLAN802.11)
- GPIO
- ADC

Electrical
- Receiving sensitivity:
  - Rx Diversity
- Power Supply :
  - 4.8V~5.2V (5V is recommended)

Environmental
- Operation temperature: -40°C to +85°C
- Storage temperature: -40°C to +90°C

Driver
- Drivers
  - Windows 10 , 8, 7,Vista, XP
  - Linux2.6.20 and later
  - Android 2.3/4.X/5.X/6.X

"*" means under development.
Notes: The pictures are just for reference, please in kind prevail.