

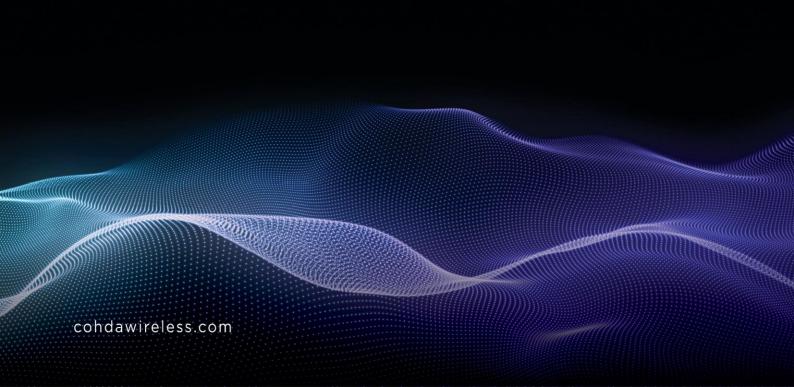
# MK6C EVK

## Cohda Wireless C-V2X EVK

Cohda's cellular V2X Evaluation Kit (EVK), is a preview of what is to come with the full MK6 On-Board Unit (OBU) and Road-Side Unit (RSU). The MK6C EVK is a small and low-cost module that offers multiple connectivity options on top of C-V2X to provide a rapid way to develop your V2X applications and use-cases.

The MK6C provides connectivity such as 2xCAN, ETH and Wi-Fi/BT in addition to the C-V2X capabilities. It is truly a versatile kit that enables your development and increases your capability for deployment.

Based on the MDM 9150 chipset developed by Qualcomm, it offers a robust and secure foundation for developing towards the intelligent transport systems of the future.





## **MK6C EVK Specs**

#### **Standards**

IEEE 1609 - 2016 ETSI TS 103 613 **3GPP R14 SAE J3161** GB/T 31024

#### **C-V2X Bandwidth**

20 MHz

## Connectivity

C-V2X PC5 (Qualcomm 9150) Wi-Fi 802.11ac Bluetooth 4.1 + BLE Ethernet CAN

## **Operating System**

Linux 4.9.88

## **Application Processor**

i.MX 8QXP

## Security

SXF1800 FIPS 140-2 level 3 compliant

## **C-V2X Receiver Sensitivity**

-93.4 dBm

## **Environmental Operating Ranges**

-40°C to +85°C

## **C-V2X Maximum Transmit Power**

Class 3 with 21.5dBm

#### **GNSS**

GPS/GLONASS/Galileo/Beidou

#### **Dimensions**

W 193 x L 160 x 51 mm

#### **Power Supply**

6-24V

#### **Accessories**

Vehicle connector cable 2 C-V2X antennas 1 Mobile Mark Mag Mount antenna 1 GNSS antenna

#### **Part Number**

CWP-CV2XK-MK6C-WW00102



The MK6C is an EVK and no regional regulatory compliance (FCC, CE, etc.) is available.

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