



MK6C EVK

Cohda Wireless C-V2X 评估版

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 on top of the C-V2X capabilities. It also includes a PCIe connector for easy expansion to 5G capability. 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.

Cohda 的蜂窝 V2X 评估版 (EVK) 是对完整的 MK6 车载单元 (OBU) 和路侧单元 (RSU) 的预览。MK6C EVK 是一款小型和低成本的模块，在 C-V2X 上提供多个连接选项，可提供快速方法来开发您的 V2X 应用程序和用例。

MK6C 在 C-V2X 功能的基础上提供 2xCAN，ETH 和 Wi-Fi/BT 等的连接。它也包括周边装置互连高速(PCIe)连接器，可轻松扩展至 5G 容量。它的确是一个多功能套件，可帮助您的开发和提高部署能力。

MK6C EVK Specs

MK6C EVK 规格

Standards 标准

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

C-V2X Bandwidth 带宽

20 MHz

Connectivity 连通性

C-V2X PC5 (Qualcomm 9150)
5G upgradeable 5G 可升级
Wi-Fi 802.11ac 无线网络 802.11ac
Bluetooth 4.1 + BLE 蓝牙 4.1 + BLE
Ethernet 以太网
CAN 可以

Operating System 操作系统

Linux 4.9.88

Application Processor 应用处理器

IMX8QXP

Security 安全

SXF1800 FIPS 140-2 level 3 compliant
SXF1800 符合 FIPS 140-2 3 级标准

C-V2X Receiver Sensitivity 接收机灵敏度

-93.4 dBm

Environmental Operating Ranges 环境运行范围

-40°C 至 +85°C

C-V2X Maximum Transmit Power 最大发射功率

Class 3 with 21.5dBm
3 级 带有 21.5dBm

GNSS 全球导航卫星系统

QDR3

Dimensions 尺寸

W 193 x L 160 x 51 mm

Power Supply 电源供应

6-24V

Accessories 附件

Vehicle connector cable 车辆连接电缆
2 C-V2X antennas 2 条 C-V2X 天线
1 GNSS antenna 一条全球导航卫星系统天线

Part Number 零件号

CWP-CV2XK-MK6C-WW00102



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