



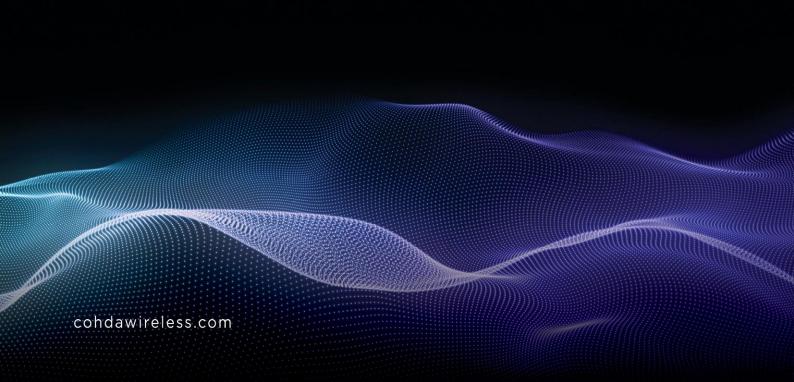
MK6C EVK

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.

Cohda Wireless Pty Ltd 27 Greenhill Road Wayville SA 5034 Australia P +61 8 7099 5500 inquiry@cohdawireless.com Cohda Wireless Europe GmbH P +49 89 208 026548 inquiry.eu@cohdawireless.com

Cohda Wireless America LLC P +1 317 818 5595 inquiry.na@cohdawireless.com Cohda Wireless China P +61 8 7099 5500 inquiry.ch@cohdawireless.com

Beijing BOCON Automation Tech Co Ltd (China) P +86 10 5166 3110 inquiry@bocon.com.cn

MDS Tech Inc (Republic of Korea) P +82 31 627 3000 inquiry.kr@cohdawireless.com

Nexty Electronics (Japan) P +81 3 5462 9724 inquiry.jp@cohdawireless.com