

R-Car Proactive Partner Solution

RTX-SVMV3-SB Evaluation Board



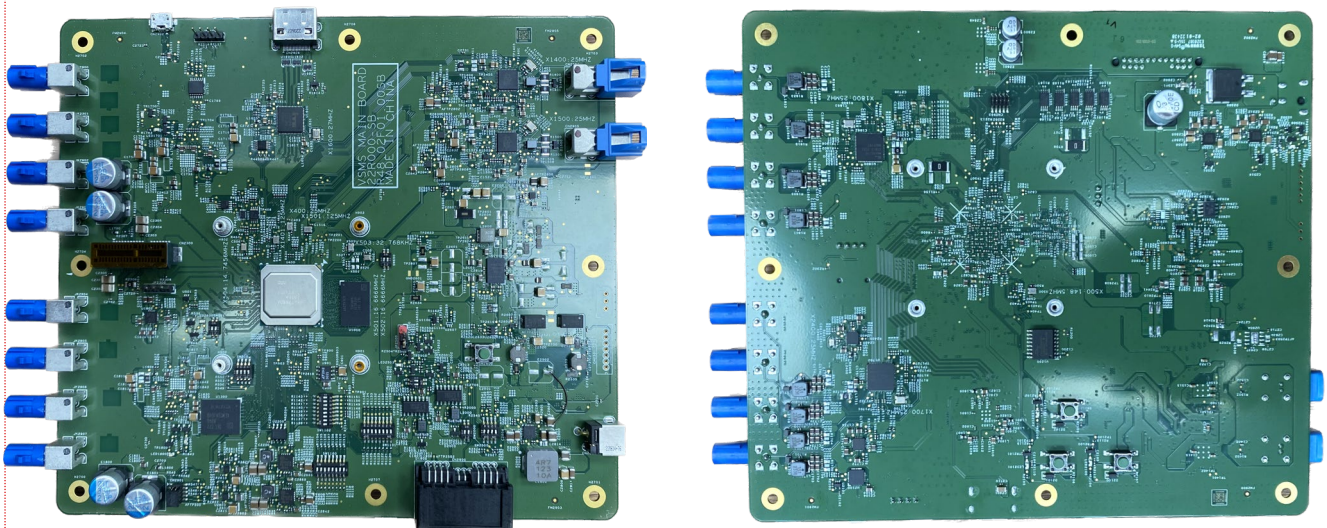
Solution Summary

The **RTX-SVMV3-SB** adopts “R-Car V3H2” SoC with low-power implementation of deep learning technology can use various sensors such as car cameras, radar and lidar to perform high-speed image recognition and processing of surrounding objects.

Features/Benefits

- V3H2 ARM SoC Cortex-A53 x4 @1GHz , Cortex-R7 x1 @800MHz
- Interface :
 - GMSL2 SerDes (MAX96712 x2), Fakra input x 8
 - HDMI x 1
 - 1000 Base T1 x 2
 - CAN FD x 2
- ISP tuning tool for camera application
- IMR maneuvering for surround view and wide-angle view applications
- Powerful IMP (Computer Vision) implement for image recognition

Diagrams/Graphics



Target Markets and Applications

- Vehicle Camera Monitor System

https://www.retronix.com.tw/product_si12.html

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