

JVCKENWOOD Corporation

April 26, 2024

JVCKENWOOD Signs MOU with Analog Devices Inc. toward the Development of Next-Generation Wireless Devices

Aiming to further strengthen performance and ensure a stable supply of products by working together on advancing the core technology of wireless devices

JVCKENWOOD Corporation (JVCKENWOOD) has signed a Memorandum of Understanding (MOU) with global semiconductor leader Analog Devices, Inc. (ADI), to address the development of radio transceiver SoCs, a core component of JVCKENWOOD's wireless devices, with the aim of further strengthening the company's Communications Systems business.

1. Background

JVCKENWOOD has seen a boost in demand for its communications systems, which are being increasingly deployed as part of risk management arrangements at organizations amid the upsurge in momentum related to global disaster prevention and Business Continuity Plan (BCP) efforts.

There are intense efforts being undertaken primarily in the field of public safety (at police departments, fire departments, etc.) in relation to the implementation of communications systems. To keep up with the demand seen in this growing market, JVCKENWOOD has signed an MOU with ADI toward the development of next-generation wireless devices.

The move is being made as JVCKENWOOD aims to further enhance the performance offered by its wireless devices and achieve the stable supply of such products.



Left: Saeed Aghtar, Managing Director, High Speed Converter Product Line at ADI
Right: Katsuya Sato, General Executive of Communications Systems Division, Safety & Security Sector, Assistant to COO Safety & Security Sector at JVCKENWOOD

2. Overview of the MOU and its Benefits

In the next generation of wireless devices that JVCKENWOOD will develop in the future, the company plans to develop core components for wireless devices based on ADI's latest narrowband transceiver solution, Nevis. Among the industry's lowest-power, highest-dynamic range, software-defined radio SoCs, Nevis includes ADI's ADRV910x portfolio of products.

Under the harsh operating conditions of the Land Mobile Radio (LMR) for the public safety market, including police, fire, and emergency services, there is a need for even higher functionality and performance while maintaining communication performance. This requires the development of SoCs with lower power consumption, and the two companies aim to achieve this through this joint effort. The two companies plan to share the requirements and performance measurements of radio transceiver components and help ensure the stable supply of key wireless devices.

JVCKENWOOD aims to enhance the performance of next-generation wireless devices and ensure a stable supply of products to meet the current and growing demand for wireless communication systems and provide customers with more value-added products. The intention is to achieve this while working to link with broadband communications and the multifunctionality of wireless devices that is expected in the future.

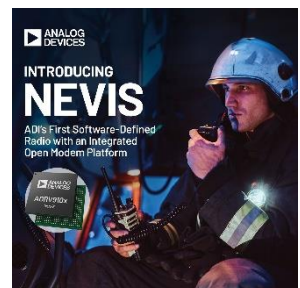
Bryan Goldstein, Vice President, High Speed Converter Product Line, ADI

“Each successive generation of our software-defined radio ICs has the goal of helping our customers get to market more quickly through expanded capabilities, performance, and integration while improving overall power efficiency. We are continuing our proud 20+ year tradition in the handheld radio industry by addressing JVCKENWOOD’s input on the need for better radio performance and lower supply chain risk. We are pleased to enable our handheld radio customers with ADI’s latest technology.”

Akira Suzuki, COO Safety & Security Sector, JVCKENWOOD

“Combining JVCKENWOOD’s expertise in the professional wireless market with ADI’s advanced IC technologies means that we will be providing customers with even more powerful system solutions. We will continue to build a stronger relationship with ADI and provide customers with professional communications systems that meet the needs of the public safety market and the private market, thereby contributing to the safety and security of people’s lives in daily life as well as in first response to natural disasters, police and fire departments, and other situations.”

For more information about [Nevis, ADI’s latest narrowband transceiver solution](#).



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