

Future Electronics Highlights onsemi Complete System Solutions for Advanced Drone Design

News-Press Release

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Summary

Future Electronics, a global leading distributor of electronic components, is highlighting onsemi Complete System Solutions for Advanced Drone Design, showcasing advanced semiconductor technologies that help engineers accelerate the development of intelligent, efficient, and reliable unmanned aerial systems (UAS).

Message

Montreal, Canada (prsafe) September 23, 2026 - Future Electronics, a global leading distributor of electronic components, is highlighting onsemi Complete System Solutions for Advanced Drone Design, showcasing advanced semiconductor technologies that help engineers accelerate the development of intelligent, efficient, and reliable unmanned aerial systems (UAS).

As drone applications continue to expand across industrial, commercial, and public sectors, system designers face increasing demands for greater autonomy, longer flight times, improved sensing capabilities, and seamless connectivity. Meeting these requirements requires a highly integrated approach across critical subsystems, including vision sensing, power management, propulsion, navigation, communication, and control.

onsemi addresses these challenges with a comprehensive portfolio of semiconductor solutions that supports the majority of a drone's electronic architecture. From image sensors and vision modules to power delivery, motor control, connectivity, and auxiliary sensing technologies, onsemi enables streamlined development, optimized performance, and faster time-to-market for next-generation drone platforms.

The campaign explores two key technology areas through dedicated content pages:

• High-Performance Vision Sensing for Next-Generation Drones - featuring advanced imaging solutions that support autonomous navigation, obstacle detection, situational awareness, and high-quality data capture.

• Power and Communication - highlighting efficient power conversion, battery management, propulsion control, and robust connectivity solutions that enable reliable flight operations and system communication.

The campaign also features a downloadable resource, onsemi's Next-Generation Drone Design eBook, providing engineers with valuable insights into the technologies and design considerations shaping the future of advanced drone development.

By combining innovative semiconductor technologies with application expertise, onsemi enables engineers to develop smarter, more efficient drones capable of meeting the evolving demands of modern aerial applications.

Engineers, designers, and technology innovators are invited to explore the latest drone technologies, dedicated technical resources, and system-level solutions available through this campaign.

To learn more about onsemi's complete system solutions for advanced drone design, explore the featured subtopics, and download the Next-Generation Drone Design eBook, visit the [dedicated page](#).

About Future Electronics:

Future Electronics is a global leader in the electronic components industry. The company's award-winning customer service, comprehensive global supply chain programs, and industry leading engineering design expertise make it a strategic partner of choice for customers worldwide.

A WT Microelectronics company, Future Electronics is headquartered in Montreal, Canada, and operates in 44 countries and 159

offices. Its global footprint enables exceptional service and efficient, end to end supply chain solutions, fully integrated and supported by a single IT infrastructure that provides real-time inventory visibility across sales, and marketing capabilities.

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For more information, visit www.FutureElectronics.com.

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Company Statements

Boilerplate 1

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