



# S32K146 UAVCAN V1 and MAVCAN Development System

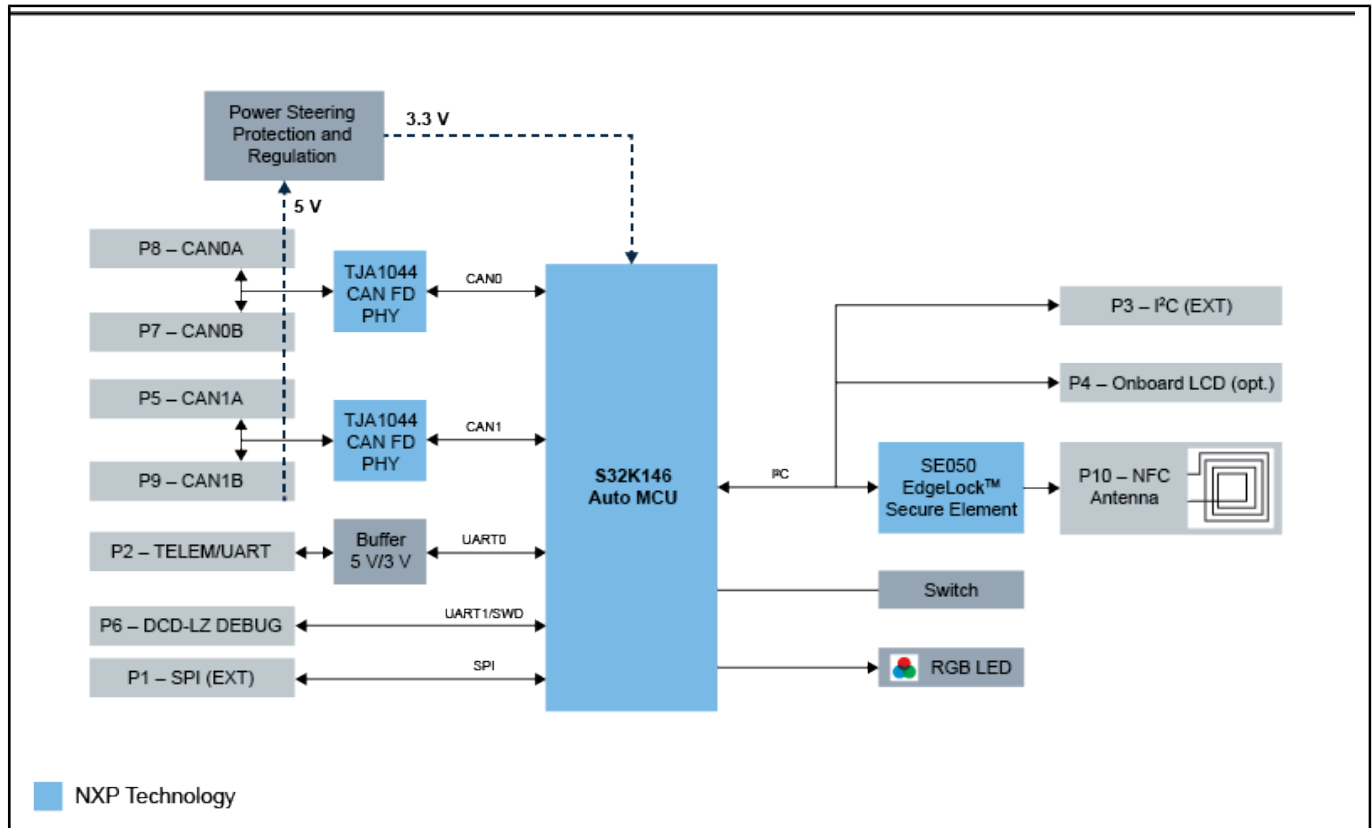
## UCANS32K146

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The UCANS32K146 is a development system engineered for building drones, rovers, and mobile robotics following the UAVCAN V1 and MAVCAN protocols, taking advantage of CAN and CAN FD connected sensors and actuators.

Based on the 32-bit Arm® Cortex®-M4 based S32K1 microcontroller family, the UCANS32K146 provides dual CAN FD interfaces and access to ports on the processor. Also, the UCANS32K146 features EdgeLock® SE050 secure element for authentication and encryption development.

## UCANS32K146 development system architecture Block Diagram



View additional information for [S32K146 UAVCAN V1](#) and [MAVCAN Development System](#).

**Note:** The information on this document is subject to change without notice.

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