The S32K312EVB-Q172 is an evaluation and development board for general-purpose industrial and automotive applications.

Based on the 32-bit Arm® Cortex®-M7 S32K3 MCU in a 172 HDQFP package, the S32K312EVB-Q172 offers a single core mode, HSE security engine, OTA support, advanced connectivity and low power.

The S32K312EVB-Q172 offers a standard-based form factor compatible with the Arduino® UNO pin layout, providing a broad range of expansion board options for quick application prototyping and demonstration.
S32K312EVB-Q172 Block Diagram

10-pin Cortex Debug JTAG Connector
On-Board Debug Interface w/K26
ADC Rotary Potentiometer
User Push Buttons [Active High]
Touch Electrodes
User RGB LED Indicator [Active High]
ARDUINO™ Shield Connectors

FS26 Safety System Basis Chip
[+5 V, +3.3 V and +1.5 V]

MCU Current Monitoring for VDD_HV_A
TJA1022 LIN Interfaces
TJA1043 CAN Interface

S32K312 MCU 172 HDQFP

S32K3 Family Block Diagram
## View additional information for S32K312EVB-Q172 Development Board for Automotive General Purpose.

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

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