S32K39/37/36 Electrification Microcontrollers Evaluation Board

S32K396-BGA-DC1

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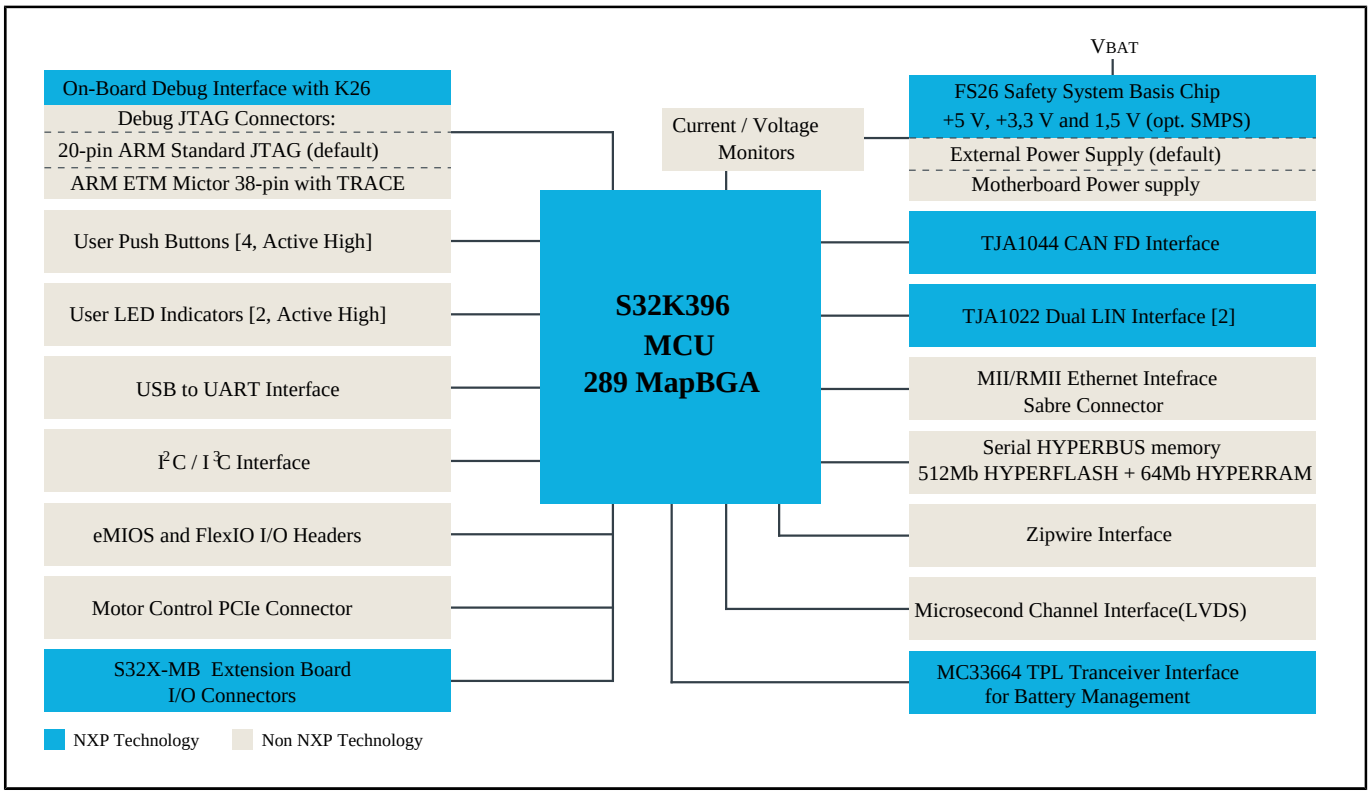
The S32K396-BGA-DC1 evaluation board features the ASIL D S32K396 microcontroller unit in a MAPBGA 289 package optimized for developing electrification applications. With onboard debugger, robust communication interfaces, support of automotive Ethernet communication is designed for real-time control applications, especially safety-critical ones like traction drive or torque vectoring.

It can be expanded by the following boards:

- TJA1103 Sabre Development Board for automotive Ethernet support.
- S32X-MB I/O Extension Evaluation Board for Real-Time Domain Control and Actuation for MCU pin expansion and additional 3-phase motor control connector (It can be controlled by two 3-phase motors or one 6 phase motor)

S32K396-BGA-DC1 Evaluation Board Features Block Diagram



View additional information for S32K39/37/36 Electrification Microcontrollers Evaluation Board.

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