S12G Development Platform

StarterTRAK USB

Test drive S12G 16-bit MCUs with a modular platform

Features

- OSBDM debugger through USB
- Primary Tower System connector
- S12G128 16-bit MCU
- Temperature sensor
- Three user-programmable multi-colored LEDs
- Two user-programmable push buttons

Software available for download at **freescale.com**:

- CodeWarrior Development Studio evaluation license
- Software labs and code examples

Freescale StarterTRAK USB kits are designed for you to easily and inexpensively test drive the 16-bit S12 MCU architecture. The StarterTRAK USB features specific S12 products with rich feature sets to give you a head start in evaluating and benchmarking our line of processors. These ultra-cost-effective development kits enable comprehensive silicon evaluation starting at only $25 (USD) and offer design expandability through the Freescale Tower System. Leveraging the growing portfolio of modules in the Tower System, you can create your own custom development system based on your S12 needs. Designing for automotive applications using StarterTRAK USB means faster time to market and an affordable introductory price into the S12 line of processors.
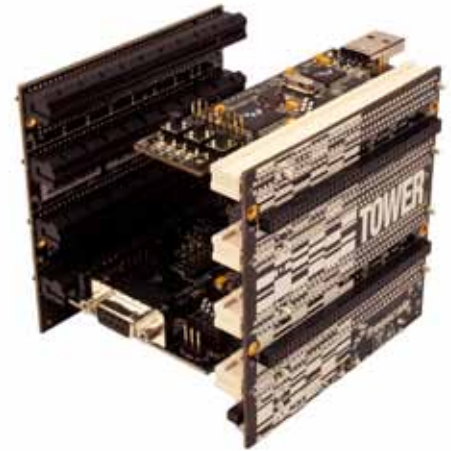
S12G 16-bit MCUs

The MC9S12G family includes feature-rich 16-bit MCUs focused on low cost, high performance and low pin count for automotive applications. This family bridges the gap between high-end 8-bit MCUs and high-performance 16-bit MCUs, such as the MC9S12XS family. MC9S12G MCUs are targeted at generic automotive applications requiring CAN or LIN/SAE J2602 communication and are designed for body controllers, door modules, occupant detection and lighting modules. S12G MCUs are part of the Freescale Product Longevity program with guaranteed long-term availability of 15+ years.

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TRK-USB-S12G128

The Freescale Tower System

The Freescale Tower System is a modular development platform for 8-, 16- and 32-bit MCUs and MPUs that enables advanced development through rapid prototyping. Featuring multiple development boards or modules, the Tower System provides designers with building blocks for entry-level to advanced MCU development. Learn more at **freescale.com/Tower**.

Tower Geeks Online Community

TowerGeeks.org is an online design engineer community that allows members to interact, develop designs and share ideas. Offering a direct path to explore and interact with other engineers designing with the Tower System, **TowerGeeks.org** is a great way to discuss your projects, post videos of your progress, ask questions through the forum and upload software. With updates through Twitter and Facebook, it's easy to get involved.

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twitter.com/towergeeks

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For more information about StarterTRAK USB kits, please visit freescale.com/TRK-USB-S12G128

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