



Qorivva Development Platform

StarterTRAK USB

Test drive Qorivva MCUs with a modular platform

Features

- Qorivva processor
- User-programmable, multi-colored LEDs
- User-programmable push buttons
- Temperature sensor
- Primary Tower System connector
- OSBDM debugger through USB

Software available for download at freescale.com:

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

StarterTRAK USB Development Kit

The Freescale StarterTRAK USB kits are designed for you to easily and inexpensively test drive the 32-bit Qorivva MCU architecture. The StarterTRAK USB features specific Qorivva products with rich feature sets to give you a head start in evaluating and benchmarking our line of processors built on Power Architecture® technology. 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 Qorivva needs. Designing for automotive applications using StarterTRAK USB means faster time to market and an affordable introductory price into the Qorivva processors.

Ordering Information

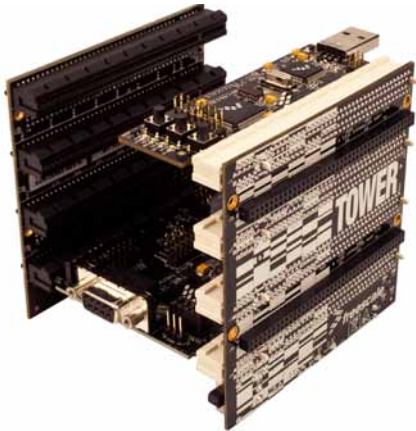
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| TRK-USB-MPC5602P | \$25 |
| TRK-USB-MPC5604B | \$25 |
| TRK-USB-MPC5643L | \$25 |

Qorivva Processors

Start designing with the 32-bit Qorivva MCUs built on Power Architecture technology. Using the most powerful, high-performing core architecture, Freescale Qorivva MCUs build upon a broad portfolio of families optimized for a full range of automotive applications. From single-core to multicore solutions, Qorivva MCUs offer scalable, highly integrated solutions specifically designed for the automotive market, with a focus on quality and long-term reliability.

Our next-generation Qorivva product families offer advanced timer systems, flexible motor control solutions and digital signal processing capabilities—all using the same core architecture. In addition, these technically advanced MCUs deliver reduced development costs through use of a consistent architecture, greater feature integration, as well as software and tool reuse. Qorivva processors are part of the Freescale product longevity program with guaranteed long-term availability of 15+ years.





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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Visit Freescale on Facebook at
facebook.com/freescale

StarterTRAK Development Boards

Complimentary to the StarterTRAK USB Development Kit, Freescale offers three feature-rich StarterTRAK development boards starting at only \$99(USD) each. The StarterTRAK series of development boards offer more comprehensive system development and include select Qorivva 32-bit automotive MCU products with rich feature sets that address each of these market segments:

- Body and security
- Powertrain
- Safety and chassis

Using StarterTRAK enables faster time to market and offers significant value at affordable prices. Learn more at freescale.com/StarterTRAK.

Ordering Information

| | |
|--------------|------|
| TRK-MPC5604B | \$99 |
| TRK-MPC5604P | \$99 |
| TRK-MPC5634M | \$99 |

For more information about StarterTRAK USB kits, please visit freescale.com/StarterTRAK and freescale.com/Qorivva

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