TRK-USB-MPC5643L: MPC5643L StarterTRAK for Safety Applications

StarterTRAK is a low-cost development kit based on the MPC5643L that enables rapid prototyping and tool reuse.

Qorivva MPC564xL ICs are a family of powerful 32-bit MCUs for automotive chassis and safety applications and designs where enhanced motor control and functional safety capability are required.

TRK-USB-MPC5643L: StarterTRAK USB

Supported Devices

MPC564xL: Qorivva 32-bit MCU for Chassis and Safety Applications

Features

MPC5643L MCU in a 144LQFP package
On-board JTAG connection via open source OSBDM circuit using the MPC9S08JM MCU
MCZ3390S5EK system basis chip with advanced power management and integrated CAN transceiver
CAN & LIN interface
Analog interface with potentiometer
High-efficiency LEDs
SCI serial communication interface
Connector to BLDC–motorboard

Kit Contains

TRK-MPC5643L board
TRK-MPC5643L DVD–ROM (includes CodeWarrior software)
USB A–to–B cable
Freescale warranty card
Quick start guide
User manual