Getting Started – Toolchain Installation Guide for MOTIX™ MCU TLE99xx – new generation

MOTIX™ MCU | 32-bit motor control SoC/SiP is supported by a complete development toolchain provided by Infineon and third party vendors.
The toolchain includes compilers, debuggers, evaluation boards, low level drivers and configuration tools as well as variety of example software code.

	Toolchain Installation Steps	Company	Description
1	**Download and Install your preferred IDE** • **Keil® µVision5** or • **IAR Embedded Workbench®**	ARMKEIL Microcontroller Tools / IAR SYSTEMS	– Arm® Keil® µVision and IAR Embedded Workbench® for Arm are two integrated development environments which consist of code editor, compiler and debugger. – IAR Embedded Workbench® is a holistic IDE for Arm devices, to generate, debug and compile embedded applications efficiently and it is supported by MOTIX™ TLE984x, TLE987x and TLE988x/9x, TLE994x/5x.
2	**Download and install Infineon Device Configurator**	infineon	– Infineon provides the Infineon Device Configurator free of charge which is designed for configuration of chip modules. Infineon Device Configurator supports easy configuring of MOTIX™ MCU peripherals.
3	**Download and Install SEGGER J-Link Driver**	SEGGER The Embedded Experts	– SEGGER J-Link is a widely used driver for "on-board" or "stand-alone" debugger.
4	**Download Peripheral Driver Library (PDL) via Infineon Developer Center**	infineon	– The Software Development Kit (SDK) is a collection of low-level drivers, example code, 3rd party PDL, and documentation which can be used in Keil® µVision5 and IAR Embedded Workbench®.

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For more information about the toolchain installation steps, watch our video.

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1	**Download and Install your preferred IDE** • **Keil® µVision5** or • **IAR Embedded Workbench®**	**ARMKEIL** Microcontroller Tools **IAR SYSTEMS**	– Arm® Keil® µVision and IAR Embedded Workbench® for Arm are two integrated development environments which consist of code editor, compiler and debugger. – To learn how to use Arm® Keil® µVision5, check out our video "Get your motor spinning". – IAR Embedded Workbench® is a holistic IDE for Arm devices, to generate, debug and compile embedded applications efficiently and it is supported by MOTIX™ TLE984x, TLE987x and TLE988x/9x. *Note: The TLE988x/9x series is compatible with IAR Embedded Workbench® version 9.40.1 or newer*
2	**Download and install** **Infineon MCU Configuration Wizard**	(Infineon)	– Infineon provides the Configuration Wizard free of charge which is designed for configuration of chip modules. Configuration Wizard supports easy configuring of MOTIX™ MCU (SoC) peripherals.
3	**Download and Install** **SEGGER J-Link Driver**	**SEGGER** The Embedded Experts	– SEGGER J-Link is a widely used driver for "on-board" or "stand-alone" debugger.
4	**Download the Software Development Kit (SDK)** a) via µVision 5 Pack Installer (see step 1) b) from the **Keil software packages webpage** and import it to the CMSIS Manager of IAR Embedded Workbench®	(Infineon)	– The Software Development Kit (SDK) is a collection of low-level drivers, example code, 3rd party LLD, and documentation which can be used in Keil® µVision5 and IAR Embedded Workbench®. *Note: For TLE984x, IAR Embedded Workbench® is supported from SDK v1.3.0 onwards.* *For TLE987x, IAR Embedded Workbench® is supported from SDK v1.5.0 onwards.* *For TLE988x/9x, IAR Embedded Workbench® is supported from SDK v1.0.0 onwards.*

If you still need the Configuration Wizard V1, please follow the link.