Embedded Success   **dSPACE**

TargetLink 4.4 Evaluation Boards

Where to go from here   **Information in this section**

Combinations of Evaluation Boards, Microcontrollers, and Compilers

Target Simulation Module   To perform a PIL simulation on a specific evaluation board, TargetLink needs a suitable compiler. The following table shows the combinations of evaluation boards and compilers included in the Target Simulation Module (TSM). The TSM is licensed separately from the TargetLink Base Suite.

Microcontroller Family[1]	Evaluation Board	Microcontroller Unit	Compiler[2]	Patch[3]
ARM Cortex-M3	Emerge-Engineering ARM MEDKit	STMicroelectronics STM32F107	Keil 5.2	.0
ARM Cortex-M3	Lauterbach Simulator for ARM CortexM3	ARM Cortex M3	Keil 5.2	.0
Freescale MPC5600VLE	Freescale MPC5604BEVB	Freescale MPC5604B	Green Hills 2018	1.4
Freescale MPC5600VLE	Freescale MPC5604BEVB	Freescale MPC5604B	Wind River Diab 5.9	.0
Freescale MPC5700VLE	Freescale MPC5748GEVB	Freescale MPC5748G	Green Hills 2018	1.4
Freescale MPC5700VLE	Freescale MPC5748GEVB	Freescale MPC5748G	Wind River Diab 5.9	.0
Freescale S12X	Freescale EVB9S12XEP100	Freescale MC9S12XEP100	Cosmic 4.8	.11

Microcontroller Family[1]	Evaluation Board	Microcontroller Unit	Compiler[2]	Patch[3]
Freescale S12X	Freescale EVB9S12XEP100	Freescale MC9S12XEP100	Metrowerks CodeWarrior 5.1	5.0.41 build 10203
Infineon c166	I+ME Promotion Package 166	Infineon c167	Altium TASKING C166/ST10 Toolset 8.6	r1 p3
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1766	Infineon TC1766	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1766 20 MHz	Infineon TC1766	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1767	Infineon TC1767	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1767	Infineon TC1767	Altium TASKING TriCore VX-Toolset 6.2	r1
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1796	Infineon TC1796	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon TriCore 1-1.6	Infineon TriBoard TriCore 275	Infineon TC275	Altium TASKING TriCore VX-Toolset 6.2	r1
Infineon TriCore 1-1.6	Infineon TriBoard TriCore 275	Infineon TC275	HighTec GNU 4.9	.2
Infineon TriCore 1-1.6	Lauterbach Simulator for TriCore 275	Infineon TC275	Altium TASKING TriCore VX-Toolset 4.2	r2
Infineon XC2000	Infineon EasyKit XC2287	Infineon XC2287	Altium TASKING C166/ST10 VX-Toolset 3.0	r3
Renesas RH850	Renesas YRH850F1L_R7F7010354	Renesas RH850/F1L_R7F7010354	Green Hills 2018	1.5
Renesas SH-2	Renesas EVB7058	Renesas SH-2E/SH7058	Renesas 9.3	.0
Renesas SH-2	Renesas SH72513 System Development Kit	Renesas SH-2A-FPU/SH72513	Renesas 9.4	.0
Renesas V850E2	Renesas AB_050_Fx4_70F4012	Renesas V850E2/Fx4-µPD70F4012	Green Hills 2018	1.5

[1] MCUs with the same processor but different peripherals form a microcontroller family.

[2] Compiler Suite Version Supported

[3] TargetLink Run-Time Library Created with Compiler Version

Target Simulation Module Extensions

For a full list of all supported evaluation board and compiler combinations, refer to www.dspace.com/go/tlpil. The combinations in the list are free of charge if you have a valid Software Maintenance Service (SMS) contract.

If you do not have a valid SMS contract or are looking for a different combination, contact dSPACE Support or your sales representative.

All Target Simulation Module Extensions will be delivered as TSM Extension Packages and can be installed via the TargetLink Preferences Editor. For more information on the installation, refer to Topic Settings (📖 TargetLink Tool and Utility Reference).

Target Simulation Module Extensions require the Target Simulation Module.

Changes in the Target Simulation Modules

New and discontinued compiler versions

The following table shows the compiler versions that are now supported by TargetLink 4.4. Refer to the New and No changes columns. Compiler versions that are no longer supported are listed in the Discontinued column.

Microcontroller Family	Compiler	New	No Changes	Discontinued
ARM CortexM3	Keil	—	5.2	—
C16x	TASKING	—	8.6	—
MPC57xxVLE	Diab	—	5.9	—
	GreenHill	2018	—	2016
MPC560xVLE	Diab	—	5.9	—
	GreenHill	2018	—	2016
RH850	GreenHill	2018	—	2016
S12X	Cosmic	—	4.8	—
	Metrowerk	—	5.1	—
SH2	Renesas	—	9.3	—
SH2A-FPU	Renesas	—	9.4	—
TriCore17xx	TASKING	—	3.2, 6.2	—
TriCore2xx	TASKING	—	6.2	—
	GCC	4.9	—	4.6
V850	GreenHill	2018	—	2016
XC22xx	TASKING	—	3.0	—

For more information on the evaluation boards supported by TargetLink, refer to Combinations of Evaluation Boards and Compilers (📖 Evaluation Board Reference).

> **Note**
>
> For more PIL support combinations that are part of a valid Software Maintenance Service (SMS) contract, refer to dSPACE's TargetLink PIL Support website at the TargetLink Product Support Center.

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