

TargetLink 4.3 Evaluation Boards

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Combinations of Evaluation Boards, Microcontrollers, and Compilers

Overview

The following table shows the combinations of evaluation boards, microcontrollers, and compilers supported for TargetLink processor-in-the-loop (PIL) simulation. These are contained in the standard TargetLink installation. In addition, so-called *Custom TSMs* are available on request:

Tip

For further PIL support combinations that are part of a valid Software Maintenance Service (SMS) contract, refer to www.dspace.com/go/tlpil.

Microcontroller Family	Evaluation Board	Microcontroller Type	Compiler ¹⁾	Patch ²⁾
ARM Cortex-M3	Emerge-Engineering ARM MEDKit	STMicroelectronics STM32F107	Keil 5.2	.0
Renesas SH-2	Renesas EVB7058	Renesas SH-2E/SH7058	Renesas 9.3	.0
Renesas RH850	Renesas YRH850F1L_R7F7010354	Renesas RH850/F1L_R7F7010354	Green Hills 2016	5.5

Microcontroller Family	Evaluation Board	Microcontroller Type	Compiler ¹⁾	Patch ²⁾
Infineon XC2000	Infineon EasyKit XC2287	Infineon XC2287	Altium TASKING C166/ST10 VX-Toolset 3.0	r3
Infineon TriCore 1-1.6	Infineon TriBoard TriCore 275	Infineon TC275	HighTec GNU 4.6	.5
Infineon TriCore 1-1.6	Infineon TriBoard TriCore 275	Infineon TC275	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 1-1.3	Infineon TriBoard TriCore 1767	Infineon TC1767	Altium TASKING TriCore VX-Toolset 6.2	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 1766 20 MHz	Infineon TC1766	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1766	Infineon TC1766	Altium TASKING TriCore VX-Toolset 3.2	r1
Infineon c166	I+ME Promotion Package 166	Infineon c167	Altium TASKING C166/ST10 Toolset 8.6	r1 p3
Freescale S12X	Freescale EVB9S12XEP100	Freescale MC9S12XEP100	Metrowerks CodeWarrior 5.1	5.0.41 build 10203
Freescale S12X	Freescale EVB9S12XEP100	Freescale MC9S12XEP100	Cosmic 4.8	.11
Freescale MPC5700VLE	Freescale MPC5748GEVB	Freescale MPC5748G	Wind River Diab 5.9	.0
Freescale MPC5700VLE	Freescale MPC5748GEVB	Freescale MPC5748G	Green Hills 2016	5.4
Freescale MPC5600VLE	Freescale MPC5604BEVB	Freescale MPC5604B	Wind River Diab 5.9	.0
Freescale MPC5600VLE	Freescale MPC5604BEVB	Freescale MPC5604B	Green Hills 2016	5.4
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 2016	5.5

¹⁾ Compiler Suite Version Supported

²⁾ TargetLink Run-Time Library Created with Compiler Version

Changes in the Target Simulation Modules

New and discontinued compiler versions

The following table shows the compiler versions that are now supported by TargetLink 4.3, 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	—

Microcontroller Family	Compiler	New	No Changes	Discontinued
MPC57xxVLE	Diab	—	5.9	—
	GreenHill	2016	—	2014
MPC560xVLE	Diab	—	5.9	—
	GreenHill	2016	—	2012,2014
RH850	GreenHill	2016	—	2015
S12X	Cosmic	—	4.8	—
	Metrowerk	—	5.1	—
SH2	Renesas	—	9.3	—
SH2A-FPU	Renesas	—	9.4	—
TriCore17xx	TASKING	6.2	3.2	6.0
TriCore2xx	TASKING	6.2		6.0
	GCC		4.6	
V850	GreenHill	2016		2015
XC22xx	TASKING		3.0	

For more information on the evaluation boards supported by TargetLink, refer to [Combinations of Evaluation Boards, Microcontrollers, and Compilers](#) on page 1.

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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