

TargetLink 4.1 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:



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

Microcontroller_Family	Evaluation_Board	Microcontroller_Type	Compiler ¹⁾	Patch ²⁾
ARM CortexM3	Emerge-Engineering ARM MEDKit	STMicroelectronics STM32F107	Keil 5.1	.4
Freescale MPC5600VLE	Freescale MPC5604BEVB	Freescale MPC5604B	Green Hills 2012	.1
			Green Hills 2014	1.6
			Wind River Diab 5.9	.0

Microcontroller_Family	Evaluation_Board	Microcontroller_Type	Compiler ¹⁾	Patch ²⁾
Freescale MPC5700VLE	Freescale MPC5748GEVB	Freescale MPC5748G	Green Hills 2014	1.6
			Wind River Diab 5.9	.0
Freescale S12X	Freescale EVB9S12XEP100	Freescale MC9S12XEP100	Cosmic 4.8	.11
			Metrowerks CodeWarrior 5.1	5.0.41 build 10203
Infineon c166	I+ME Promotion Package 166	Infineon c167	Altium TASKING C166/ST10 Toolchain 8.6	r1 p3
Infineon TriCore 1-1.3	Infineon TriBoard TriCore 1766 Infineon TriBoard TriCore 1766 20 MHz	Infineon TC1766	Altium TASKING TriCore VX-Toolset 3.2	r1
				r1
	Infineon TriBoard TriCore 1767	Infineon TC1767	Altium TASKING TriCore VX-Toolset 3.2	r1
			Altium TASKING TriCore VX-Toolset 5.0	r2
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 5.0	r2
			HighTec GNU 4.6	.5
Infineon XC2000	Infineon EasyKit XC2287	Infineon XC2287	Altium TASKING VX- toolset for C166 3.0	r3
Renesas RH850	Renesas YRH850F1L_R7F7010354	Renesas RH850/F1L_R7F7010354	Green Hills 2014	1.7
Renesas SH-2	Renesas EVB7058	Renesas SH-2E/SH7058	Renesas 9.3	.0
	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 2014	1.7

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 4.1, refer to the **New** and **No Changes** columns. Compiler versions that are no longer supported are listed in the **Discontinued** column.

Target	Compiler	New	No Changes	Discontinued
ARM CortexM3	Keil	5.1	—	—
C16x	TASKING	—	8.6	8.7
HCS12	Cosmic	—	—	4.8
	Metrowerk	—	—	5.1
M32R	Gaio	—	—	11, 9
	Renesas	—	—	5.1
MC56F83	Metrowerk	—	—	8.3
MPC55xx	Diab	—	—	5.9
	GreenHill	—	—	2013
	GNU	—	—	4.1
	Metrowerk	—	—	2.8
MPC55xxVLE	Diab	—	—	5.9
	GreenHill	—	—	2013
	Metrowerk	—	—	2.8
MPC57xxVLE	Diab	5.9	—	—
	GreenHill	2014	—	—
MPC560xVLE	Diab	—	5.9	—
	GreenHill	2014	2012	2013
RH850	GreenHill	2014	—	—
S12X ¹⁾	Cosmic	—	4.8	—
	Metrowerk	—	5.1	—
SH2	Renesas	—	9.3	9.4
SH2A-FPU	Renesas	—	9.4	—
TriCore17xx	TASKING	5.0	3.2	4.3
	GNU	—	—	3.4
TriCore2xx	TASKING	5.0	—	—
	GNU	4.6	—	—
V850	GreenHill	2014	—	2013
	NEC	—	—	3.40
XC22xx	TASKING	—	3.0	—

¹⁾ Freescale S12XEVB/S12XEVB_USB is replaced by the new Freescale EVB9512XEP100.

For more details on the evaluation boards supported by TargetLink, refer to [TargetLink Evaluation Board Hardware Reference](#).



For further 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.

Discontinued boards

No longer supported, no longer distributed The following boards are no longer supported by TargetLink and no longer distributed by dSPACE:

- Freescale 56F83xx
- Freescale HCS12
- Freescale PowerPC MPC5500
- Freescale PowerPC MPC5500VLE
- NEC V850ES
- Renesas M32R



If you want to use the unsupported evaluation boards with TargetLink 4.1, contact dSPACE Support.

Still supported, no longer distributed The following boards are still supported by TargetLink but no longer distributed by dSPACE:

- Freescale S12XEVB/S12XEVB_USB is replaced by the new Freescale EVB9S12XEP100

How to Contact dSPACE

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