


Table A :: 1-3
supported targets since TESSY v3.1.18

	CCS (TI)	CDT Debugger	Codewarrior (Freescale)	Cross Core (CCES)	C-Spy (IAR)	Fastview (PLS)	HEW (Renesas)	HighTec GNU (HighTec)*	HiTOP (Hitex)	MULTI 2000 (Green Hills)	MPLAB (MICROCHIP)*	Nios II GNU Debugger *	Noral Flex (Noral)	SEGGER JLink debugger*	SingleStep (Windriver)	TrueSTUDIO*	Softune (Fujitsu)	STVD (ST Microelectr.)	TRACE32 (Lauterbach)	UDE (PLS)	Visual DSP (Analog Devices)	Wind River Workbench	µVision (Keil)	winIDEA (iSYSTEM)	ZAP (Cosmic)
ALTERA																									
NIOS II												✓								✓					
Analog Devices																									
Blackfin (++)				✓																	✓				
SHARC				✓																					
Atollic																									
GCC ARM														✓		✓									
ARM																									
ADS Arm									✓										✓						
ARM RVDS								✓											✓	✓			✓		
Cosmic																									
HC11								✓											✓					✓	
HCS12								✓				✓							✓					✓	✓
HCS08								✓											✓					✓	✓
S12X (S12G)																			✓					✓	✓
ST7								✓											✓					✓	✓
STM8																			✓					✓	✓
DiabData																									
PPC5xx (s. WindRiver)															✓				✓					✓	
Freescale (Metrowerks)																									
Coldfire V1			✓																						
DSP568E			✓																						
HCS12			✓						✓											✓				✓	
HCS08 (Classic)			✓						✓											✓				✓	
HCS08 (Eclipse)			✓						✓											✓				✓	
MPC5xxx																			✓	✓				✓	
S12X			✓																✓					✓	
S12Z			✓																					✓	
ST7									✓										✓					✓	
Fujitsu																									
FFMC16																		✓	✓						
FFMC32																		✓	✓						
GNU																									
Arm / Arm Cortex				✓				✓				✓							✓						
GCC		✓																							
PPC																				✓					
Green Hills																									
Arm (++)									✓																
MPC									✓											✓				✓	
V850									✓											✓				✓	
x86									✓															✓	
HighTec																									
PPC																				✓					
Tricore								✓												✓	✓				

>> Table A :: 2-3


currently supported by TESSY



new or updated

DocRev 3.1.13

*

These targets do not provide interactive debugger functionality while running TESSY tests, but special procedures are available (s. respective AppNotes for the debugger).

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C++ support

Note: We may add support for non supported targets on demand. Please contact support@razorcat.com for more information.

Table A :: 2-3

	Debugger	Compiler	CCS (TI)	Codewarrior (Freescale)	Crossview (Tasking)	C-Spy (IAR)	Fastview (PLS)	Hawk Debugger (RadiSys)	HiTOP (Hitex)	LabWindows/CVI (NI)	Melexis Mix16*	MULTI 2000 (Green Hills)	MPLAB 8.x (MICROCHIP) *	MPLAB X (MICROCHIP) *	PD 30/308 (Renesas)	Phyton PICE-MC	SingleStep (Windriver)	SMPlus / ID78K0 (NEC)	Softune (Fujitsu)	STVD7 (ST Microelectr.)	TRACE32 (Lauterbach)	UDE (PLS)	Visual DSP (Analog Devices)	Wind River Workbench	µVision (Keil)	winIDEA (iSYSTEM)		
HI-TECH																												
	PIC16												✓															
	PIC18											✓			✓													
IAR																												
	78K0/78K0r				✓													✓									✓	
	8051				✓																							
	ARM (++)				✓																✓						✓	
	AVR				✓																							
	AVR32				✓																							
	dsPIC				✓																							
	H8S																				✓							
	M16C/R8C (++)				✓										✓													
	M32C														✓													
	MSP430 (++)				✓																							
	HC12																				✓							
	PIC18				✓							✓				✓												
	R32C				✓																							
	RL78				✓																							
	RX				✓																							
	STM8				✓																							
	V850				✓																							
Keil																												
	ARM																										✓	
	C166							✓													✓	✓				✓		
	XC166							✓														✓				✓		
	C51							✓																		✓	✓	
Knudsen																												
	PIC18															✓												
Melexis																												
	Mlx16										✓																	
Mentor																												
	Sourcery f. ARM																					✓						
Microchip																												
	C30 (dsPIC,PIC24)											✓																
	MCC18 (PIC18)											✓																
	XC8 (PIC12/16/18)												✓															
	XC16 (dsPIC/PIC24)												✓															
	XC32 (PIC32)												✓															

>> Table A :: 3-3


currently supported by TESSY



new or updated

*

These targets do not provide interactive debugger functionality while running TESSY tests, but special procedures are available (s. respective AppNotes for the debugger).

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C++ support

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Table A :: 3-3

Compiler	CCS 5.x (TI) *	CCS 4.x (TI) *	CCS 3.3 (TI)	Codewarrior (Freescale)	Crossview (Tasking)	C-Spy (IAR)	Eclipse Debugger (Tasking) *	e2 studio (Renesas)	Fastview (PLS)	Hawk Debugger (RadiSys)	HEW (Renesas)	HighTec GNU (HighTec) *	HITOP (Hitex)	MPLAB (MICROCHIP) *	PD 30/308 (Renesas)	LabWindows/CVI (NI)	SingleStep (Windriver)	SMPlus / ID78K0 (NEC)	Softune (Fujitsu)	STVD7 (ST Microelectr.)	TRACE32 (Lauterbach)	UDE (PLS)	Visual DSP (Analog Devices)	Wind River Workbench	Wind River WindISS	winIDEA (iSYSTEM)
Microtec																										
68k																	✓									
National																										
CR16																										✓
LabWindows/CVI																✓										
NEC																										
78K0																										
V850																										
RadiSys.																										
Microw. Ultra C (++)										✓													✓			
Renesas																										
CCR32																										
NC30 (M16C/R8C)															✓											
NC100 (R32C)																										
RX (++)								✓																		
SH											✓															
Tasking																										
C166 (Classic)																										
XC166 (Classic)																										
XC166 VX (Eclipse)																										
Tricore (Classic)																										
Tricore VX (Classic)																										
Tricore VX (Eclipse)																										
XC8051 (Classic)																										
TI																										
MSP 430	✓	✓																								
TMS 320C2000	✓	✓	✓																							
TMS 320C6000	✓	✓	✓																							
TMS 470	✓	✓	✓																							
TMS 570	✓	✓																								
TMS320C5400	✓																									
Wind River																										
PPC / MPC (++)																										
RH850																										
TriCore																										

 currently supported by TESSY
  new or updated

* These targets do not provide interactive debugger functionality while running TESSY tests, but special procedures are available (s. respective AppNotes for the debugger).
 ++ C++ support

Note: We may add support for non supported targets on demand. Please contact support@razorcat.com for more information.

Note: The tables B and C lists the versions of the compilers, debuggers, emulators, simulators that have successfully been tested with TESSY. Versions later than the minimum listed may be supported by TESSY, even if they are not listed here. If you install and test against versions not listed here, please send an e-mail to support@razorcat.com in case of problems. Please mind, some of the tested versions are not usable with Windows 7.

Table B :: 1-3

C Compiler	Tested Versions
ALTERA	
NIOS II	10.0
Analog Devices	
Blackfin	s. debugger
SHARC	s. debugger
Arm	
ADS	1.2
RVDS	2.x, 3.1
Atollic	
GCC ARM	4.8.3
Cosmic	
HCS12	4.5i
HCS08	4.4c
S12X (S12G)	4.6h, 4.7
ST7	4.5.8
STM8	4.3.1
DiabData	
PPC5xx	4.2a
Freescale (Metrowerks)	
Coldfire V1	CW 6.3 / 10.2
DSP568E	CW 7.1 / 8.0
HCS12	CW 3.0 / 4.5
HCS08	CW 3.0 / 5.1 / 10.4
PPC55xx	CW 2.3
S12X	CW 4.1 / 4.6 / 5.1
S12Z	CW 10.6
ST7	5.0.8 (CW 2.0)
Fujitsu	
FFMC16	V30L31R03
FFMC32	V60L03
GNU	
Arm	4.1.1
Arm Cortex	4.3.3
GCC	3.4.4
PPC	X-Tools Emb. Tools. 2.0
Green Hills	
Arm	5.0.6, 2012.1 (IDE 6.1)
MPC/PPC	5.1.7, 2012.1 (IDE 6.1)
V850	3.5.1, 4.0.5, 5.3.0
x86	4.2.3
HighTec	
PPC	4.6.2
Tricore	3.3.2
HI-TECH	
PIC16	9.65PL1
PIC18	9.65PL3

Table B :: 2-3

C Compiler	Tested Versions
IAR	
78K0S/78K0/78K0r	4.70.1 (EWB)
8051	8.20 (EWB)
ARM	4.41A, 5.20, 6.x (EWB)
dsPIC	1.40 (EWB)
AVR	4.12A, 5.50.1 (EWB)
M16C	1.36A, 3.30A (EWB)
M32C	3.10A (EWB)
MSP430	3.30A, 4.21(EWB)
H8S	1.53i (EWB)
HC12	2.42A (EWB)
PIC18	3.10A (EWB)
R32C	1.20A (EWB)
RL78	1.20 (EWB)
RX	2.60 (EWB)
STM8	1.20 (EWB)
V850	3.20A, 3.81.3 (EWB)
Keil	
Arm	see ARM RVDS
C166	4.27i
XC166	5.01
C51	7.x, 8.x,9.x
Knudsen	
PIC18	1.1A
Melexis	
Mlx16	1.10.1
Mentor	
Sourcery f. ARM	4.5.2
Microchip	
PIC18	3.11
XC8 (PIC12/16/18)	1.34
XC16 (dsPIC/PIC24)	1.20
XC32 (PIC32)	1.31
dsPIC / PIC24 (C30)	3.2
Microtec	
68k	5.3
National Instruments	
CR16	3.1
LabWindows/CVI	2013
NEC	
78K0	4.01
V850	3.0
RadiSys.	
Microware Ultra C	2.11
Renesas	
CCR32	4.30R00
NC30 (M16C/R8C)	5.40R00
SH	9.00.01.001

Table B :: 3-3

C Compiler	Tested Versions
Tasking	
(C166)/XC166 (Classic)	(6.x), 8.5, 8.7, 8.8
C166 VX (Eclipse)	2.2, 2.4, 2.5r1, 3.0r3
Tricore	1.3r1 (obsolete)
Tricore VX (Classic)	2.0r3, 2.1r1, 2.5r2
Tricore VX (Eclipse)	3.2, 3.4, 3.5, 4.3r1
XC8051 (XC8XX)	7.2r6
TI	
MSP430	CCS 4.x, 5.x
TMS 320C2000	CCS 3.3, 4.x, 5.x
TMS 320C6000	CCS 3.3, 4.x, 5.x
TMS 470	CCS 3.3, 4.x, 5.x
TMS 570	CCS 4.x, 5.x
Wind River	
MPC (PPC5xxx)	5.5,5.7,5.8,5.9
RH850	5.9.4.1
TriCore	5.9.4.1

Table C :: 1-2
 (* s. Table B)

Debugger/Emulator/ Simulator	Tested Versions
ALTERA	
Nios II GNU Debugger	10.0
Analog Devices	
Visual DSP	4.0, 5.x
Cross Core (CCES)	1.0.2
Atollic	
TrueStudio (GNU debugger)	5.2.1
Cosmic	
ZAP	4.4.5
Freescale	
Codewarrior f. Coldfire	v6.3, v10.2
Codewarrior f. DSP 568E	v7.1 / v8.0
Codewarrior f. HCS08	v5.1, 10.4
Codewarrior f. HCS12(X)	v4.6 / v5.1
Codewarrior f. S12Z	v10.6
GNU	
CDT	8.0
Fujitsu	
Softune3	Fujitsu FFMC16**
Softune6	Fujitsu FFMC32**
Green Hills	
MULTI 2000	Green Hills**
HighTec	
HighTec GNU Debugger	HighTec**
Hitex	
HiTOP	4.x, 5.x
IAR	
C-Spy	IAR**
iSYSTEM	
winIDEA	build 9.xx (05,10,11,12)
Keil	
µVision - DTC Interface	3.50
µVision - UVSC Interface	3.72, 4.x,5.x
Lauterbach	
TRACE32	<i>depends on target used</i>
Melexis	
Mlx16	2.56
Microchip	
MPLAB	8.60, 8.87
MPLAB X	1.95, 2.0
(REAL ICE, ICD 2/3, Simulator)	
National Instruments	
LabWindows/CVI (clang)	2.9
NEC	
SM78K0(S)/ID78K0(S)	2.52
SMPlus V850	2.00
SMPlus 78K0	2.00
ID78K0	3.00

** for tested versions see compiler :: table B

Table C :: 2-2

Debugger/Emulator/ Simulator	Tested Versions
Noral	
Flex BDM for HC12	2.6
PLS	
Fastview	2.2
UDE	3.x, 4.x
Phyton	
PICE-MC	5.07.02
RadiSys.	
Hawk Debugger	2.5
Renasas	
PD30/308 Sim	v520r1a_e/v320r1a_e
PD30	8.20r1
PD30F/PD30MF	2.20r1
HEW	4.01, 4.03
Segger	
J-Link Debugger f. ARM	4.94
ST Microelectronics	
STVD	4.1.3
Tasking	
Crossview	Tasking**
Script/Eclipse-Debugger	
TI	
Code Composer Studio	TI**
Atollic	
TrueStudio	5.2.1
Wind River	
SingleStep	7.6.2
WindISS	5.9.4.4
Wind River Workbench	3.3

** for tested versions see compiler :: table B