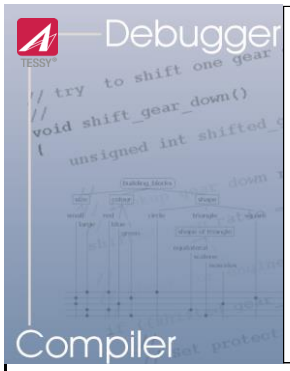
Table A :: 1-3

supported targets since TESSY v4.0.19



Debugger / Compiler	CCS (TI)	CDT Debugger	Codewarrior (Eclipse)	Codewarrior (Classic)	Cross Core (CCES)	C-Spy (IAR)	eSol eBinder	HighTec GNU (HighTec)*	HiTOP (Hitex)	MULTI 2000 (Green Hills)	MPLAB (MICROCHIP)*	Nios II GNU Debugger *	Noral Flex (Noral)	QEMU*	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 (legacy)									✓											✓						
ARM V5							✓		✓											✓	✓				✓	✓	
Cosmic																										
ARM																				✓						✓
HC11									✓											✓					✓	
HCS12									✓				✓							✓					✓	✓
HCS08									✓											✓					✓	
S12X																				✓					✓	✓
S12G																				✓						✓
S12Z																										✓
ST7									✓										✓						✓	
STM8																			✓							
DiabData																										
PPC5xx (s. WindRiver)																✓				✓					✓	
Freescale (Metrowerks)																										
Coldfire V1			✓	✓																✓						
DSP568E				✓																						
HCS12				✓					✓											✓					✓	
HCS08 (Classic)				✓					✓											✓					✓	
HCS08 (Eclipse)			✓						✓											✓					✓	
MPC			✓																	✓	✓				✓	
S12X				✓																✓					✓	
S12Z			✓																	✓				✓		
ST7									✓										✓							
Fujitsu																										
FFMC16																		✓								
FFMC32																		✓								
GNU																										
Arm (Arm Cortex)			✓		✓				✓					✓	✓					✓				✓		
GCC (MinGW)		✓																								
GCC (Cygwin)		✓																								
PPC														✓						✓						

>> Table A :: 2-3

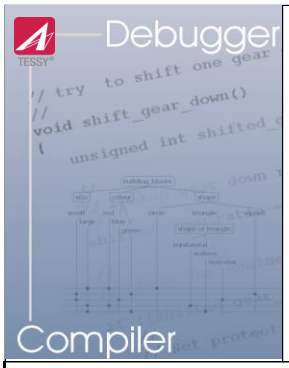
✓ *currently supported by* ✓ *new or updated*

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

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

Table A :: 2-3

supported targets since TESSY v4.0.19



	CCS (TI)	Codewarrior (Freescale)	Crossview (Tasking)	C-Spy (IAR)	Fastview (PLS)	gdbserver[2]	HiTOP (Hitex)	HighTec GNU (HighTec)*	Melexis Mlx16*	MULTI 2000 (Green Hills)	MPLAB 8.x (MICROCHIP)*	MPLAB X (MICROCHIP) *	QEMU*	PD 30/308 (Renesas)	Phyton PICE-MC	Renesas e2 studio	SMPlus / ID78K0 (NEC)	Softune (Fujitsu)	STVD7 (ST Microelectr.)	TRACE32 (Lauterbach)	UDE (PLS)	Visual DSP (Analog Devices)	Wind River Workbench	µVision (Keil)	winIDEA (iSYSTEM)
Green Hills																									
Arm / Cortex										✓										✓					✓
MPC / PPC		✓								✓										✓					✓
TriCore										✓															
V850 / RH850										✓										✓					✓
x86										✓															
HighTec																									
PPC																				✓	✓				
Tricore								✓												✓	✓				✓
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 / Cortex																								✓	
C166							✓													✓	✓			✓	
XC166							✓														✓			✓	
C51							✓																	✓	✓
Knudsen																									
PIC18															✓										
KPIT																									
GNURX																✓									
Linaro																									
GNU ARM						✓							✓												
Melexis																									
Mlx16									✓																

>> Table A :: 3-3

✓ *currently supported by TESSY* ✓ *new or updated*

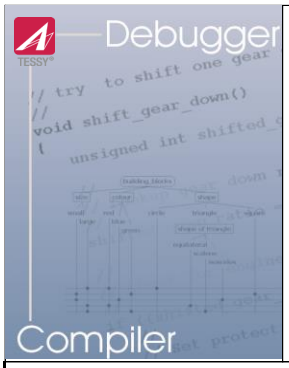
* *These targets do not provide interactive debugger functionality while running TESSY tests, but special procedures are available (s. respective AppNotes for the debugger).*

[2] *on BeagleBone Black and Raspberry Pi 3*

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

Table A :: 3-3

supported targets since TESSY v4.0.19



Compiler \ Debugger	CCS 5.x/6.x (TI) *	CCS 4.x (TI) *	CCS 3.3 (TI)	Crossview (Tasking)	C-Spy (IAR)	Eclipse Debugger (Tasking) *	e2 studio (Renesas)	Fastview (PLS)	Hawk Debugger (RadiSys)	HEW (Renesas)	HighTec GNU (HighTec) *	HiTOP (Hitex)	MPLAB 8.x (MICROCHIP) *	MPLAB X (MICROCHIP) *	PD 30/308 (Renesas)	LabWindows/CVI (NI)	Renesas CS+	SingleStep (Windriver)	SMPlus / ID78K0 (NEC)	Softune (Fujitsu)	Synopsys ARC MW Debugger	TRACE32 (Lauterbach)	UDE (PLS)	Wind River WindISS	winIDEA (iSYSTEM)
Mentor																									
Sourcery f. ARM																						✓			
Microchip																									
C30 (dsPIC,PIC24)													✓												
MCC18 (PIC18)													✓												
XC8 (PIC12/16/18)														✓											
XC16 (dsPIC/PIC24)														✓											
XC32 (PIC32)														✓											
Microtec																									
68k																		✓							
National																									
CR16																									✓
LabWindows/CVI																✓									
NEC																									
78K0																			✓						
V850																			✓						
RadiSys.																									
Microw. Ultra C									✓													✓			
Renesas																									
RL78K0R																	✓								
CCR32																				✓		✓			
NC30 (M16C/R8C)										✓					✓										
NC100 (R32C)										✓															
RH850																	✓								
RX							✓																		
SH										✓										✓		✓			
Synopsys																									
ARC DesignWare																					✓				
ARC MetaWare (600/700)																					✓				
Tasking																									
C166 (Classic)				✓				✓				✓										✓	✓		
XC166 (Classic)				✓								✓										✓	✓		
XC166 VX (Eclipse)						✓						✓										✓	✓		✓
Tricore (Classic)				✓								✓										✓			
Tricore VX (Classic)				✓								✓										✓	✓		✓
Tricore VX (Eclipse)						✓																✓	✓		✓
XC8051 (Classic)																						✓			

✓ *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).*

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

Table A :: 3-3

supported targets since TESSY v4.0.19

Debugger / Compiler	CCS 5.x/6.x (TI) *	CCS 4.x (TI) *	CCS 3.3 (TI)	Crossview (Tasking)	C-Spy (IAR)	Eclipse Debugger (Tasking) *	e2 studio (Renesas)	Fastview (PLS)	Hawk Debugger (RadiSys)	HEW (Renesas)	HighTec GNU (HighTec) *	HiTOP (Hitex)	MPLAB 8.x (MICROCHIP) *	MPLAB X (MICROCHIP) *	PD 30/308 (Renesas)	LabWindows/CVI (NI)	SingleStep (Windriver)	SMPlus / ID78K0 (NEC)	Softune (Fujitsu)	TRACE32 (Lauterbach)	UDE (PLS)	Wind River Workbench	Wind River WindISS	Wind River WRDBG	winIDEA (iSYSTEM)
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).*

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 7/8/10.

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
RVCT	2.x, 3.1
ARM V5 (ARMCC)	5.x
Atollic	
GCC ARM	4.8.3, 5.3.1
Cosmic	
ARM	4.3.6
HCS12	4.5i
HCS08	4.4c
S12X (S12G)	4.6h, 4.7
S12Z	4.2.8
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
MPC	CW 2.10 / CW 10.x
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 (x86)	3.4.4
GNU Tools f. ARM	4.8.4
GNU Toolchain f. PowerPC	4.9.0
PPC	X-Tools Emb. Tools. 2.0
Green Hills	
Arm	2015* (IDE 7*)
MPC/PPC	2015* (IDE 7*)
TriCore	2015*|6* (IDE 6*|7*)
V850/RH80	2015*|7* (IDE 7*)
x86	2015* (IDE 7*)

Table B :: 2-3

C Compiler	Tested Versions
HighTec	
PPC	4.6.5
Tricore	3.3.2
HI-TECH	
PIC16	9.65PL1
PIC18	9.65PL3
IAR	
78K0S/78K0/78K0r	4.70.1, 4.80.1 (EWB)
8051	8.20 (EWB)
ARM	5.x, 6.x, 7.40, 8.x (EWB)
dsPIC	1.40 (EWB)
AVR	5.50.1, 6.70 (EWB)
AVR32	6.70 (EWB)
M16C	3.30A, 3.70 (EWB)
M32C	3.10A (EWB)
MSP430	4.21, 5.x, 6.50 (EWB)
H8S	1.53i (EWB)
HC12	2.42A, 4.10 (EWB)
PIC18	3.10A (EWB)
R32C	1.20A (EWB)
RL78	1.20, 1.40, 2.10 (EWB)
RX	2.60 (EWB)
STM8	1.20 (EWB)
V850	3.20A, 3.81.3, 4.x (EWB)
Keil	
Arm	see ARM (tab. B 1-3)
C166	4.27i
XC166	5.01
C51	7.x, 8.x,9.x
Knudsen	
PIC18	1.1A
KPIT	
RX	4.8-GNURX_v14.03
Linaro	
GNU ARM	arm-linux-gnueabihf 6.2.1
Melexis	
Mlx16	1.10.1
Mentor	
Sourcery f. ARM	4.5.2
Microchip	
PIC18	3.11
XC8 (PIC12/16/18)	1.34, 1.38
XC16 (dsPIC/PIC24)	1.20, 1.26
XC32 (PIC32)	1.31, 1.40
dsPIC / PIC24 (C30)	3.2
Microtec	
68k	5.3
National Instruments	
CR16	3.1
LabWindows/CVI	2013

Table B :: 3-3

C Compiler	Tested Versions
NEC	
78K0	4.01
V850	3.0
RadiSys.	
Microware Ultra C	2.11
Renesas	
RL78K0R	v2.72
CCR32	4.30R00
NC30 (M16C/R8C)	5.40R00
RX	2.1.00.07, 2.3.00.03
SH	9.00.01.001
Synopsis	
ARC DesignWare	K-2015.06
ARC MetaWare (600/700)	K-2015.06
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.x, 4.3r1, 5.0r2, 6.0r1
XC8051 (XC8XX)	7.2r6
TI	
MSP430	CCS 4.x, 5.x, 6.x
TMS 320C2000	CCS 3.3, 4.x, 5.x, 6.x
TMS 320C6000	CCS 3.3, 4.x, 5.x, 6.x
TMS 470	CCS 3.3, 4.x, 5.x, 6.x
TMS 570	CCS 4.x, 5.x, 6.x, 7.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

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, 2.5.1
Atollic	
TrueStudio (GNU debugger)	5.2.1, 7.1.1
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
gdbserver	Debian Linux on BeagleBone Black and Raspberry Pi 3
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	*depends on target used*
Melexis	
Mlx16	2.56
Microchip	
MPLAB	8.60, 8.87
MPLAB X	1.95, 2.x, 3.40
(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
QEMU	
QEMU emulator	2.10./0/1, 2.11.0
PLS	
Fastview	2.2
UDE	3.x, 4.x
Phyton	
PICE-MC	5.07.02
RadiSys.	
Hawk Debugger	2.5
Renesas	
CS+ debugger	V3.01.00
e2 Studio	3.0.0.22, 4.3.0.007
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
Synopsys	
ARC MetaWare Debugger	K-2015.06 (1558)
Tasking	
Crossview	Tasking**
Script/Eclipse-Debugger	
TI	
Code Composer Studio	TI**
Wind River	
SingleStep	7.6.2
WindISS	5.9.4.4
DeBuG shell (WRDBG)	3.1
Wind River Workbench	3.3 / 4.x

** *for tested versions see compiler :: table B*