

**Wind River On-Chip Debugging
Processor Support List
(Processor Availability Matrix (PAM))
September 13, 2013
Revision 1.0**

Software Products

**Wind River Workbench On-Chip Debugging 3.3.4
with Processor Group 3**

Wind River On-Chip Debugging API 3.9.9

Hardware Products

**Wind River ICE 2
Wind River Probe**

Introduction

Wind River® on-chip debugging is a portfolio of products for JTAG-based debugging that support a wide range of processors based on ARM, ColdFire, Intel®, MIPS, and PowerPC architectures. The portfolio consists of hardware-based debug units powered by the Eclipse-based Wind River Workbench On-Chip Debugging (an integrated development environment) and Wind River On-Chip Debugging API, a solution for test and manufacturing.

This Processor Support List (sometimes referred to as the Processor Availability Matrix or PAM) describes the processors supported by each product in this portfolio. Wind River continues to make support available for the latest processors from leading semiconductor suppliers. **If you do not see your specific device listed, please contact your local Wind River sales representative to inquire about future processor support.** Specific features supported by each hardware debug unit, Workbench On-Chip Debugging, and On-Chip Debugging API are provided in product notes located on www.windriver.com or by contacting your local Wind River sales representative. Below is a glossary of terms helpful when using this document.

| | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wind River Workbench On-Chip Debugging | A comprehensive standards-based integrated development environment for developing and debugging JTAG, EJTAG, and BDM based targets with a Wind River JTAG debug unit. |
| Wind River ICE 2 | A high-performance, multi-core-capable debug unit supporting JTAG, EJTAG, and BDM based devices for a wide range of processors based on ARM, ColdFire, Intel®, MIPS, and PowerPC architectures. Wind River ICE 2 is network based. |
| Wind River Probe | An entry-level debug unit supporting JTAG, EJTAG, and BDM based devices for a wide range of processors based on ARM, ColdFire, Intel, MIPS, and PowerPC architectures. Wind River Probe is powered by a USB port on a host PC for portability and convenience. |
| Processor Family | A grouping of processors supported by a single license feature under Wind River perpetual licensing model (PUF). This grouping is indicated by a solid-line box in the table. Certain processor families are sold as a bundle as indicated by a solid-line box in the table. |

Table of Contents

| | |
|----------------------------------|---------|
| ARM Architecture Processors | Page 4 |
| ColdFire Architecture Processors | Page 6 |
| Intel Architecture Processors | Page 8 |
| MIPS Architecture Processors | Page 9 |
| PowerPC Architecture Processors | Page 12 |
| XScale Architecture Processors | Page 18 |

ARM Architecture Processors (Part 1 of 2)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|-----------------------------------|------------------|--------------------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| ARM9 | ARM (IP) | ARM9TDMI | √ | √ | | √ | √ | |
| | | ARM920T | √ | √ | | √ | √ | |
| | | ARM922T | √ | √ | | √ | √ | |
| | | ARM940T | √ | √ | | √ | √ | |
| | | ARM926EJ-S | √ | √ | | √ | √ | |
| | | ARM946ES | √ | √ | | √ | √ | |
| | Atmel | Excalibur | √ | √ | | √ | √ | |
| | Micrel | KS8695PX | √ | √ | | √ | √ | |
| | Mindspeed | M82515 | √ | √ | | √ | √ | |
| NEC | MP201 | √ | √ | | √ | √ | | |
| Oxford | OXETHU954 | √ | √ | | √ | √ | | |
| ARM11 | ARM (IP) | ARM1136 | √ | √ | 3 | √ | √ | 3 |
| | | ARM1136 JFS | √ | √ | 3 | √ | √ | 3 |
| | | ARM1176 JZ(F)-S | √ | √ | 3 | √ | √ | 3 |
| | | MPCORE | √ | √* | 3 | √ | √* | 3 |
| | NEC | Medy2 | √ | √ | 3 | √ | √ | 3 |
| ARM Cortex M3 | Freescale | Kinetis K70 | √ | √ | 1,2 | | | |
| | Luminary | LM3S801 | √ | √ | | | | |
| | STMicro | STM32F2xx | √ | √ | 1 | √ | √ | 1 |
| | | STM32F4xx | √ | √ | 1 | √ | √ | 1 |
| ARM Cortex A8 | ARM (IP) | CORTEXA8 | √ | √ | | √ | √ | |
| ARM Cortex A9 | Altera | Cyclone V | √ | √ | 1,2 | | | |
| | ARM | Core Tile Express A9x4 | √ | √ | | √ | √ | |
| | STMicro | SPEAr1310 | √ | √ | | √ | √ | |
| ARM Cortex A15 | ARM | Core Tile Express A15x2 | √ | √ | 1 | √ | √ | 1 |
| Atmel AT9x | Atmel | AT91RM9200 | √ | √ | | √ | √ | |
| | | AT91SAM9260 | √ | √ | | √ | √ | |
| | | AT91SAM9261 | √ | √ | | √ | √ | |
| | | AT91SAM9G20 | √ | √ | | √ | √ | |
| | | AT91SAM9G45 | √ | √ | | √ | √ | |
| Cavium Econa 11xx and 21xx | Cavium | CNS1102 | √ | √ | | √ | √ | |
| | | CNS1104 | √ | √ | | √ | √ | |
| | | CNS1105 | √ | √ | | √ | √ | |
| | | CNS2131 | √ | √ | | √ | √ | |
| | | CNS2132 | √ | √ | | √ | √ | |
| | | CNS2133 | √ | √ | | √ | √ | |
| | | CNS2181 | √ | √ | | √ | √ | |
| CNS2182 | √ | √ | | √ | √ | | | |
| Cavium Econa 34xx | Cavium | Econa CNS3410 | √ | √* | 3 | √ | √* | 3 |
| | | Econa CNS3411 | √ | √* | 3 | √ | √* | 3 |
| | | Econa CNS3420 | √ | √* | 3 | √ | √* | 3 |
| Freescale iMX6 | Freescale | i.MX6 | √ | √ | 1 | √ | √ | 1 |
| Freescale iMX9 | Freescale | i.MX1 | √ | √ | | √ | √ | |
| | | i.MXL | √ | √ | | √ | √ | |
| | | i.MXS | √ | √ | | √ | √ | |
| | | i.MX21 | √ | √ | | √ | √ | |
| | | i.MX27 | √ | √ | | √ | √ | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users

Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

2 Requires Processor Group 3 for Workbench On-Chip Debugging 3.3.4 (Electronic Update)

(Processor Group 3 is cumulative containing contents of Processor Groups 1 & 2)

3 SMP kernels not supported

ARM Architecture Processors (Part 2 of 2)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|--------------------------|-----------|---------------|------------------------------------------------------------|----------------------|-------|------------------------------------------------------|----------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| | | | | | | | | |
| Freescale i.MX25 | Freescale | i.MX25 | √ | √ | | √ | √ | |
| Freescale i.MX31 | Freescale | i.MX31 | √ | √ | | √ | √ | |
| Freescale i.MX35 | | i.MX35 | √ | √ | | √ | √ | |
| Freescale i.MX51 | Freescale | i.MX51 | √ | √ | | √ | √ | |
| | | i.MX53 | √ | √ | | √ | √ | |
| Marvell MV88F5x | Marvell | MV88F5181 | √ | √ | | √ | √ | |
| | | MV88F5281 | √ | √ | | √ | √ | |
| | | PXA168 | √ | √ | | √ | √ | |
| TI Davinci DM64XX | TI | TMS320DM6441 | √ | √ | | √ | √ | |
| | | TMS320DM6443 | √ | √ | | √ | √ | |
| | | TMS320DM6446 | √ | √ | | √ | √ | |
| TI Sitara AM35xx | TI Sitara | AM3503 | √ | √ | | √ | √ | |
| TI Sitara AM37xx | TI Sitara | AM3703 | √ | √ | | √ | √ | |
| | | AM3717 | √ | √ | | √ | √ | |
| TI Sitara AM38xx | TI Sitara | AM3358 | √ | √ | 1 | √ | √ | 1 |
| | | AM3359 | √ | √ | 1 | √ | √ | 1 |
| | | AM3871 | √ | √ | 1 | √ | √ | 1 |
| | | AM3872 | √ | √ | 1 | √ | √ | 1 |
| | | AM3874 | √ | √ | 1 | √ | √ | 1 |
| | | AM3892 | √ | √ | 1 | √ | √ | 1 |
| | | AM3894 | √ | √ | 1 | √ | √ | 1 |
| TI OMAPL1xx | TI | OMAPL138 | √ | √ | | √ | √ | |
| TI OMAP24xx | TI | OMAP2430 | √ | √ | | √ | √ | |
| TI OMAP34xx | TI | OMAP3410 | √ | √ | | √ | √ | |
| | | OMAP3420 | √ | √ | | √ | √ | |
| | | OMAP3430 | √ | √ | | √ | √ | |
| TI OMAP35xx | TI Sitara | AM3517 | √ | √ | | √ | √ | |
| | | AM3715 | √ | √ | 2 | √ | √ | 2 |
| | TI | OMAP3503 | √ | √ | | √ | √ | |
| | | OMAP3505 | √ | √ | | √ | √ | |
| | | OMAP3515 | √ | √ | | √ | √ | |
| | | OMAP3517 | √ | √ | | √ | √ | |
| | | OMAP3525 | √ | √ | | √ | √ | |
| | | OMAP3530 | √ | √ | | √ | √ | |
| | | OMAP3630 | √ | √ | | √ | √ | |
| | | OMAP3730 | √ | √ | | √ | √ | |
| TI OMAP44xx | TI | OMAP4430 | √ | √ | | √ | √ | |
| Xilinx ZYNQ-7xxx | Xilinx | ZYNQ7010 | √ | √ | 3 | √ | √ | 3 |
| | | ZYNQ7020 | √ | √ | 3 | √ | √ | 3 |
| | | ZYNQ7030 | √ | √ | 3 | √ | √ | 3 |
| | | ZYNQ7045 | √ | √ | 3 | √ | √ | 3 |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users
Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

2 For TI Sitara AM3715 use Processor Selection TI OMAP3517

3 For Xilinx ZYNQ7010, 7020, 7030, 7045 use Processor Selection ZYNQ7000

ColdFire Architecture Processors (Part 1 of 2)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|-------------------|-----------|-------------------|------------------------------------------------------------|-------------------|-------|------------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Freescale MCF5xxx | Freescale | MCF5202 | √ | √ | | √ | √ | |
| | | MCF5204 | √ | √ | | √ | √ | |
| | | MCF5206 | √ | √ | | √ | √ | |
| | | MCF5206E | √ | √ | | √ | √ | |
| | | MCF5207 - Mini-me | √ | √ | | √ | √ | |
| | | MCF5208 - Mini-me | √ | √ | | √ | √ | |
| | | MCF5211 | √ | √ | | √ | √ | |
| | | MCF5212 | √ | √ | | √ | √ | |
| | | MCF5213 | √ | √ | | √ | √ | |
| | | MCF5214 | √ | √ | | √ | √ | |
| | | MCF5216 | √ | √ | | √ | √ | |
| | | MCF52100 | √ | √ | | √ | √ | |
| | | MCF52110 | √ | √ | | √ | √ | |
| | | MCF52210 | √ | √ | | √ | √ | |
| | | MCF52211 | √ | √ | | √ | √ | |
| | | MCF52212 | √ | √ | | √ | √ | |
| | | MCF52213 | √ | √ | | √ | √ | |
| | | MCF52221 | √ | √ | | √ | √ | |
| | | MCF52223 | √ | √ | | √ | √ | |
| | | MCF52230 | √ | √ | | √ | √ | |
| | | MCF52231 | √ | √ | | √ | √ | |
| | | MCF52232 | √ | √ | | √ | √ | |
| | | MCF52233 | √ | √ | | √ | √ | |
| | | MCF52234 | √ | √ | | √ | √ | |
| | | MCF52235 | √ | √ | | √ | √ | |
| | | MCF52236 | √ | √ | | √ | √ | |
| | | MCF5232 | √ | √ | | √ | √ | |
| | | MCF5233 | √ | √ | | √ | √ | |
| | | MCF5234 | √ | √ | | √ | √ | |
| | | MCF5235 | √ | √ | | √ | √ | |
| | | MCF5249 | √ | √ | | √ | √ | |
| | | MCF5249L | √ | √ | | √ | √ | |
| | | MCF5250 | √ | √ | | √ | √ | |
| | | MCF5251 | √ | √ | | √ | √ | |
| | | MCF5253 | √ | √ | | √ | √ | |
| | | MCF5270 | √ | √ | | √ | √ | |
| | | MCF5271 | √ | √ | | √ | √ | |
| | | MCF5272 | √ | √ | | √ | √ | |
| | | MCF5274 | √ | √ | | √ | √ | |
| | | MCF5274L | √ | √ | | √ | √ | |
| MCF5275 | √ | √ | | √ | √ | | | |
| MCF5275L | √ | √ | | √ | √ | | | |
| MCF5280 | √ | √ | | √ | √ | | | |
| MCF5281 | √ | √ | | √ | √ | | | |
| MCF5282 | √ | √ | | √ | √ | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

ColdFire Architecture Processors (Part 2 of 2)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|-------------------|-----------|----------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Freescale MCF5xxx | Freescale | MCF5307 | √ | √ | | √ | √ | |
| | | MCF5307a | √ | √ | | √ | √ | |
| | | MCF5327 - Dragonfire | √ | √ | | √ | √ | |
| | | MCF5328 - Dragonfire | √ | √ | | √ | √ | |
| | | MCF5329 - Dragonfire | √ | √ | | √ | √ | |
| | | MCF5372 | √ | √ | | √ | √ | |
| | | MCF5372L | √ | √ | | √ | √ | |
| | | MCF5373 | √ | √ | | √ | √ | |
| | | MCF5373L | √ | √ | | √ | √ | |
| | | MCF5407 | √ | √ | | √ | √ | |
| | | MCF5470 | √ | √ | | √ | √ | |
| | | MCF5471 | √ | √ | | √ | √ | |
| | | MCF5472 | √ | √ | | √ | √ | |
| | | MCF5473 | √ | √ | | √ | √ | |
| | | MCF5474 | √ | √ | | √ | √ | |
| | | MCF5475 | √ | √ | | √ | √ | |
| | | MCF5480 | √ | √ | | √ | √ | |
| | | MCF5481 | √ | √ | | √ | √ | |
| | | MCF5482 | √ | √ | | √ | √ | |
| | | MCF5483 | √ | √ | | √ | √ | |
| | | MCF5484 | √ | √ | | √ | √ | |
| | | MCF5485 | √ | √ | | √ | √ | |
| | | MCF54450 | √ | √ | | √ | √ | |
| MCF54451 | √ | √ | | √ | √ | | | |
| MCF54452 | √ | √ | | √ | √ | | | |
| MCF54453 | √ | √ | | √ | √ | | | |
| MCF54454 | √ | √ | | √ | √ | | | |
| MCF54455 | √ | √ | | √ | √ | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

Intel Architecture Processors

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|--------------------------------------------------------|--------|--------------------------------------------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Intel Atom | Intel | Atom Z30 | √ | √* | 2 | | √* | 2 |
| | | Atom Z30 | √ | √* | 2 | √ | √* | 2 |
| | | Atom CE4100 | √ | √* | 2 | √ | √* | 2 |
| | | Atom CE4200 | √ | √* | 2 | √ | √* | 2 |
| | | Atom D410 | √ | √* | | √ | √* | |
| | | Atom D510 | √ | √* | | √ | √* | |
| | | Atom E6xx | √ | √* | | √ | √* | |
| | | Atom Nxxx | √ | √* | | √ | √* | |
| | | Atom N270 | √ | √* | | | √* | |
| | | Atom N450 | √ | √* | | | √* | |
| | | Atom Z500 | √ | √* | 2 | √ | √* | 2 |
| | | Atom Z510 | √ | √* | 2 | √ | √* | 2 |
| | | Atom Z515 | √ | √* | 2 | √ | √* | 2 |
| | | Atom Z520 | √ | √* | 2 | √ | √* | 2 |
| | | Atom Z530 | √ | √* | 2 | √ | √* | 2 |
| | | Atom Z540 | √ | √* | 2 | √ | √* | 2 |
| Atom Z550 | √ | √* | 2 | √ | √* | 2 | | |
| Core 2 | Intel | Core 2 Duo T9400 | √ | √* | 2 | √ | √* | 2 |
| | | Core 2 Duo L7400 | √ | √* | 2 | √ | √* | 2 |
| Core i7 | Intel | 3rd generation Intel® Core™ E3-1225v2 processor | √ | √* | 1 | √ | √* | 1 |
| | | 3rd generation Intel® Core™ E3-1275v2 processor | √ | √* | 1 | √ | √* | 1 |
| | | Core i3-330E | √ | √* | | √ | √* | |
| | | Core i3-21xx | √ | √* | | √ | √* | |
| | | Core i5-520E | √ | √* | | √ | √* | |
| | | Core i5-520M | √ | √* | | √ | √* | |
| | | Core i5-2xxx | √ | √* | | √ | √* | |
| | | 3rd generation Intel® Core™ i5-3550S processor | √ | √* | 1 | √ | √* | 1 |
| | | 3rd generation Intel® Core™ i5-3610ME processor | √ | √* | 1 | √ | √* | 1 |
| | | Core i7-610E | √ | √* | | √ | √* | |
| | | Core i7-620LE | √ | √* | | √ | √* | |
| | | Core i7-620M | √ | √* | | √ | √* | |
| | | Core i7-620UE | √ | √* | | √ | √* | |
| | | Core i7-26xx | √ | √* | | √ | √* | |
| | | 3rd generation Intel® Core™ i7-3517UE processor | √ | √* | 1 | √ | √* | 1 |
| | | 3rd generation Intel® Core™ i7-3555LE processor | √ | √* | 1 | √ | √* | 1 |
| 3rd generation Intel® Core™ i7-3610QE processor | √ | √* | 1 | √ | √* | 1 | | |
| 3rd generation Intel® Core™ i7-3612QE processor | √ | √* | 1 | √ | √* | 1 | | |
| 3rd generation Intel® Core™ i7-3615QE processor | √ | √* | 1 | √ | √* | 1 | | |
| 3rd generation Intel® Core™ i7-3770 processor | √ | √* | 1 | √ | √* | 1 | | |
| Xeon x55xx | Intel | Xeon x55xx | √ | √* | | √ | √* | |
| | | Xeon LC55xx | √ | √* | | √ | √* | |
| | | Xeon EC55xx | √ | √* | | √ | √* | |
| | | Xeon LC35xx | √ | √* | | √ | √* | |
| | | Xeon EC35xx | √ | √* | | √ | √* | |
| | | Xeon E3-1200 | √ | √* | 1 | √ | √* | 1 |
| | | Xeon E5-16xx | √ | √* | | √ | √* | |
| | | Xeon E5-24xx | √ | √* | | √ | √* | |
| | | Xeon E5-26xx | √ | √* | | √ | √* | |
| Xeon E5-46xx | √ | √* | | √ | √* | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users
Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

2 Flash programming not supported at this time

MIPS Architecture Processors (Part 1 of 3)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|------------------------|----------------|-------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Altera 4kx | Altera | Altera MP32 | √ | √ | | √ | √ | |
| AMD AU1xxx | Netlogic (RMI) | AU1000 | √ | √ | | √ | √ | |
| | | AU1200 | √ | √ | | √ | √ | |
| | | AU1300 | √ | √ | | √ | √ | |
| Broadcom MIPS32 | Broadcom | BCM1100 | √ | √ | | √ | √ | |
| | | BCM1101 | √ | √ | | √ | √ | |
| | | BCM1103 | √ | √ | | √ | √ | |
| | | BCM1104 | √ | √ | | √ | √ | |
| | | BCM1112 | √ | √ | | √ | √ | |
| | | BCM1113 | √ | √ | | √ | √ | |
| | | BCM1113R | √ | √ | | √ | √ | |
| | | BCM1115 | √ | √ | | √ | √ | |
| | | BCM1115R | √ | √ | | √ | √ | |
| | | BCM1190 | √ | √ | | √ | √ | |
| | | BCM3349 | √ | √ | | √ | √ | |
| | | BCM3350 | √ | √ | | √ | √ | |
| | | BCM3351 | √ | √ | | √ | √ | |
| | | BCM3352 | √ | √ | | √ | √ | |
| | | BCM3360 | √ | √ | | √ | √ | |
| | | BCM3560 | √ | √ | | √ | √ | |
| | | BCM4704 | √ | √ | | √ | √ | |
| | | BCM4710 | √ | √ | | √ | √ | |
| | | BCM5365 | √ | √ | | √ | √ | |
| | | BCM56214 | √ | √ | | √ | √ | |
| | | BCM56218 | √ | √ | | √ | √ | |
| | | BCM5836 | √ | √ | | √ | √ | |
| | | BCM6345 | √ | √ | | √ | √ | |
| | | BCM6348 | √ | √ | | √ | √ | |
| | | BCM6550A | √ | √ | | √ | √ | |
| | | BCM7100 | √ | √ | | √ | √ | |
| | | BCM7115 | √ | √ | | √ | √ | |
| BCM7312 | √ | √ | | √ | √ | | | |
| BCM7318 | √ | √ | | √ | √ | | | |
| BCM7335 | √ | √ | 1 | √ | √ | 1 | | |
| BCM7400 | √ | √ | | √ | √ | | | |
| BCM7401 | √ | √ | | √ | √ | | | |
| BCM7405 | √ | √ | | √ | √ | | | |
| Broadcom MIPS64 | Broadcom | BCM7038 | √ | √ | | √ | √ | |
| | | BCM7320 | √ | √ | | √ | √ | |
| Broadcom SiByte | Broadcom | BCM1122 | √ | √ | | √ | √ | |
| | | BCM1125 | √ | √ | | √ | √ | |
| | | BCM1125H | √ | √ | | √ | √ | |
| | | BCM1250 | √ | √* | | √ | √* | |
| | | BCM1255 | √ | √* | | √ | √* | |
| | | BCM1280 | √ | √* | | √ | √* | |
| | | BCM1455 | √ | √* | | √ | √* | |
| | | BCM1480 | √ | √* | | √ | √* | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 For this processor, support is limited to single-thread (main thread) debug

MIPS Architecture Processors (Part 2 of 3)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|----------------------------------------|----------------------|-----------|------------------------------------------------------------|-------------------------|-------|------------------------------------------------------|-------------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Cavium Octeon CN3xxx and CN5xxx | Cavium | CN3005 | √ | √* | | √ | √* | |
| | | CN3010 | √ | √* | | √ | √* | |
| | | CN3110 | √ | √* | | √ | √* | |
| | | CN3120 | √ | √* | | √ | √* | |
| | | CN3630 | √ | √* | | √ | √* | |
| | | CN3830 | √ | √* | | √ | √* | |
| | | CN3840 | √ | √* | | √ | √* | |
| | | CN3850 | √ | √* | | √ | √* | |
| | | CN3860 | √ | √* | | √ | √* | |
| | | CN5010 | √ | √* | | √ | √* | |
| | | CN5020 | √ | √* | | √ | √* | |
| | | CN5220 | √ | √* | | √ | √* | |
| | | CN5230 | √ | √* | | √ | √* | |
| | | CN5430 | √ | √* | | √ | √* | |
| | | CN5434 | √ | √* | | √ | √* | |
| | | CN5530 | √ | √* | | √ | √* | |
| | | CN5534 | √ | √* | | √ | √* | |
| | | CN5640 | √ | √* | | √ | √* | |
| | | CN5645 | √ | √* | | √ | √* | |
| | | CN5650 | √ | √* | | √ | √* | |
| | | CN5740 | √ | √* | | √ | √* | |
| CN5745 | √ | √* | | √ | √* | | | |
| CN5750 | √ | √* | | √ | √* | | | |
| CN5830 | √ | √* | | √ | √* | | | |
| CN5840 | √ | √* | | √ | √* | | | |
| CN5850 | √ | √* | | √ | √* | | | |
| CN5860 | √ | √* | | √ | √* | | | |
| Cavium Octeon 2 CN6xxx | Cavium | CN6120 | √ | √ | | √ | √ | |
| | | CN6130 | √ | √ | | √ | √ | |
| | | CN6220 | √ | √ | | √ | √ | |
| | | CN6230 | √ | √ | | √ | √ | |
| | | CN6320 | √ | √ | | √ | √ | |
| | | CN6330 | √ | √ | | √ | √ | |
| | | CN6335 | √ | √ | | √ | √ | |
| | | CN6635 | √ | √ | | √ | √ | |
| | | CN6645 | √ | √ | | √ | √ | |
| | | CN6740 | √ | √ | | √ | √ | |
| | | CN6750 | √ | √ | | √ | √ | |
| | | CN6760 | √ | √ | | √ | √ | |
| | | CN6860 | √ | √ | | √ | √ | |
| | | CN6870 | √ | √ | | √ | √ | |
| CN6880 | √ | √ | | √ | √ | | | |
| MTI 4kx | MTI | 4Kc | √ | √ | | √ | √ | |
| | | 4Km | √ | √ | | √ | √ | |
| | | 4Kp | √ | √ | | √ | √ | |
| | | 4KEc | √ | √ | | √ | √ | |
| | Loongson Wintegra | LS232 | √ | √ | | √ | √ | |
| | | 34kc | √ | √ | | √ | √ | |
| | | 34kf | √ | √ | | √ | √ | |
| WinPath3 | √ | √ | | √ | √ | | | |
| MTI 5kx | MTI | 5Kc | √ | √ | | √ | √ | |
| | | 5Kf | √ | √ | | √ | √ | |
| | Loongson | LS3A | √ | √ | | √ | √ | |
| MTI 20kx | MTI | 20kc | √ | √ | | √ | √ | |
| MTI 24kx | MTI | 24kc | √ | √ | | √ | √ | |
| | | 24kf | √ | √ | | √ | √ | |
| | Wintegra | Winpath 2 | √ | √ | | √ | √ | |
| MTI 25kx | MTI | 25kf | √ | √ | | √ | √ | |
| MTI 74kx | Broadcom | BCM5300x | √ | √ | | √ | √ | |
| | Broadlight | BL23570R | √ | √ | | √ | √ | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

MIPS Architecture Processors (Part 3 of 3)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|-------------------|----------------|-----------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| NEC VR41xx | NEC | VR4131 | √ | √ | | √ | √ | |
| | | VR4133 | √ | √ | | √ | √ | |
| | | VR4181A | √ | √ | | √ | √ | |
| NEC VR54xx | NEC | VR5432 | √ | √ | | √ | √ | |
| NEC VR55xx | NEC | VR5500 | √ | √ | | √ | √ | |
| | | VR5500A | √ | √ | | √ | √ | |
| NEC VR77xx | NEC | VR7701 | √ | √ | | √ | √ | |
| Philips PR19xx | Philips | PR1910 | √ | √ | | √ | √ | |
| Philips PR39xx | Philips | PR3940 | √ | √ | | √ | √ | |
| Philips PR44xx | Philips | PR4450 | √ | √ | | √ | √ | |
| Philips PNX30xx | Philips | PNX3001 | √ | √ | | √ | √ | |
| Philips PNX73xx | Philips | PNX7350 | √ | √ | | √ | √ | |
| Philips PNX83xx | Philips | PNX8320 | √ | √ | | √ | √ | |
| Philips PNX85xx | Philips | PNX8525 | √ | √ | | √ | √ | |
| | | PNX8526 | √ | √ | | √ | √ | |
| Philips PNX855x | Philips | PNX8550 | √ | √ | | √ | √ | |
| PMC-Sierra Rm7xxx | PMC-Sierra | RM7900 | √ | √ | | √ | √ | |
| PMC-Sierra Rm9xxx | PMC-Sierra | RM9000X2 | √ | √ | | √ | √ | |
| | | RM9150 | √ | √ | | √ | √ | |
| RMI XLR | Netlogic (RMI) | XLR508 | √ | √* | 1 | √ | √* | 1 |
| | | XLR516 | √ | √* | 1 | √ | √* | 1 |
| | | XLR532 | √ | √* | 1 | √ | √* | 1 |
| | | XLR716 | √ | √* | 1 | √ | √* | 1 |
| | | XLR732 | √ | √* | 1 | √ | √* | 1 |
| RMI XLS | Netlogic (RMI) | XLS104 | √ | √* | 1 | √ | √* | 1 |
| | | XLS108 | √ | √* | 1 | √ | √* | 1 |
| | | XLS204 | √ | √* | 1 | √ | √* | 1 |
| | | XLS208 | √ | √* | 1 | √ | √* | 1 |
| | | XLS404 | √ | √* | 1 | √ | √* | 1 |
| | | XLS408 | √ | √* | 1 | √ | √* | 1 |
| | | XLS416 | √ | √* | 1 | √ | √* | 1 |
| | | XLS608 | √ | √* | 1 | √ | √* | 1 |
| | | XLS616 | √ | √* | 1 | √ | √* | 1 |
| Toshiba Tx49xx | Toshiba | TX4925 | √ | √ | | √ | √ | |
| | | TX4927 | √ | √ | | √ | √ | |
| | | TX4955 | √ | √ | | √ | √ | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 For RMI XLR/XLS processors ICE 2 supports up to 8 cores/threads

PowerPC Architecture Processors (Part 1 of 6)

| Processor | Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | | | |
|--------------|---------------|---------------|-----------------|------------------------------------------------------------|-------------------------|-------|------------------------------------------------------|-------------------------|-------|----|---|
| | | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes | | |
| IBM PPC40x | AMCC | 405 (Generic) | PPC403GCx | √ | √ | | √ | √ | | | |
| | | | PPC405CR | √ | √ | | √ | √ | | | |
| | | | PPC405EP | √ | √ | | √ | √ | | | |
| | | | PPC405EX | √ | √ | | √ | √ | | | |
| | | | PPC405EXr | √ | √ | | √ | √ | | | |
| | | | PPC405GP | √ | √ | | √ | √ | | | |
| | | | PPC405GPr | √ | √ | | √ | √ | | | |
| | | | NPE405L | √ | √ | | √ | √ | | | |
| | | | NPE405H | √ | √ | | √ | √ | | | |
| | | | PPC405PM | √ | √ | | √ | √ | | | |
| | | | PPC405STB25xx | √ | √ | | √ | √ | | | |
| | | | PPC405STB3 | √ | √ | | √ | √ | | | |
| | | | PPC405STB4 | √ | √ | | √ | √ | | | |
| | | | Xilinx | XC2VP-4 | XC2VP-4 | √ | √ | | √ | √ | |
| | | | | | XC2VP-7 | √ | √ | | √ | √ | |
| | | | | | XC2VP-20 | √ | √* | | √ | √* | |
| | XC2VP-30 | √ | | | √* | | √ | √* | | | |
| | XC2VP-40 | √ | | | √* | | √ | √* | | | |
| | XC2VP-50 | √ | | | √* | | √ | √* | | | |
| | XC2VP-70 | √ | | | √* | | √ | √* | | | |
| | XC2VP-100 | √ | | | √* | | √ | √* | | | |
| | XC2VPX20 | √ | | | √ | | √ | √ | | | |
| | XC2VPX70 | √ | | | √* | | √ | √* | | | |
| | XC4VFX12 | √ | | | √ | | √ | √ | | | |
| | XC4VFX20 | √ | | | √ | | √ | √ | | | |
| | XC4VFX40 | √ | √* | | √ | √* | | | | | |
| | XC4VFX60 | √ | √* | | √ | √* | | | | | |
| | XC4VFX100 | √ | √* | | √ | √* | | | | | |
| XC4VFX140 | √ | √* | | √ | √* | | | | | | |
| IBM PPC44x | AMCC | 440 (Generic) | PPC440GP | √ | √ | | √ | √ | | | |
| | | | PPC440GX | √ | √ | | √ | √ | | | |
| | | | PPC440EP | √ | √ | | √ | √ | | | |
| | | | PPC440EPx | √ | √ | | √ | √ | | | |
| | | | PPC440SP | √ | √ | | √ | √ | | | |
| | | | PPC440GR | √ | √ | | √ | √ | | | |
| | | | PPC440GRx | √ | √ | | √ | √ | | | |
| | | | PPC440SPe | √ | √ | | √ | √ | | | |
| | | | CPU Tech Acalis | CPU872 | GPU872 | √ | √ | 1 | √ | √ | 1 |
| | | | | | | | | | | | |
| | Xilinx | XC5VFX30T | XC5VFX30T | √ | √ | | √ | √ | | | |
| | | | XC5VFX70T | √ | √ | | √ | √ | | | |
| | | | XC5VFX100T | √ | √* | | √ | √* | | | |
| XC5VFX130T | | | √ | √* | | √ | √* | | | | |
| XC5VFX200T | | | √ | √* | | √ | √* | | | | |
| IBM PPC46x | AMCC | PPC460EX | PPC460EX | √ | √ | | √ | √ | | | |
| | | | PPC460GT | √ | √ | | √ | √ | | | |
| LSI ACP 34xx | LSI Axxia | ACP3442 | ACP3442 | √ | √ | | √ | √ | | | |
| | | | ACP3448 | √ | √ | | √ | √ | | | |
| | LSI | SAS3108 | SAS3108 | √ | √ | | √ | √ | | | |
| PA Semi PA6T | PA-Semi/Apple | PA6T-1682M | | √ | √* | | √ | √* | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Supports reference board identified as HAMLET 0xRH7 006-101121-003 Rev B.

PowerPC Architecture Processors (Part 2 of 6)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | | |
|--------------------------------------------|-----------|-----------------|------------------------------------------------------------|----------------------|-------|------------------------------------------------------|----------------------|-------|--|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes | |
| | | | | | | | | | |
| Freescale PPC5xx (BDM Interface) | Freescale | MPC505 | √ | √ | | √ | √ | | |
| | | MPC509 | √ | √ | | √ | √ | | |
| | | MPC555 | √ | √ | | √ | √ | | |
| | | MPC560 | √ | √ | | √ | √ | | |
| | | MPC561 | √ | √ | | √ | √ | | |
| | | MPC563 | √ | √ | | √ | √ | | |
| | | MPC565 | √ | √ | | √ | √ | | |
| Freescale MPC52xx | Freescale | MPC5200 | √ | √ | | √ | √ | | |
| | | MPC5200B | √ | √ | | √ | √ | | |
| Freescale MPC55xx | Freescale | MPC5514E | √ | √ | | √ | √ | | |
| | | MPC5514G | √ | √ | | √ | √ | | |
| | | MPC5515S | √ | √ | | √ | √ | | |
| | | MPC5516G | √ | √ | | √ | √ | | |
| | | MPC5516E | √ | √ | | √ | √ | | |
| | | MPC5516S | √ | √ | | √ | √ | | |
| | | MPC5517G | √ | √ | | √ | √ | | |
| | | MPC5517E | √ | √ | | √ | √ | | |
| | | MPC5517S | √ | √ | | √ | √ | | |
| | | MPC5533 | √ | √ | | √ | √ | | |
| | | MPC5534 | √ | √ | | √ | √ | | |
| | | MPC5554 | √ | √ | | √ | √ | | |
| | | MPC5553 | √ | √ | | √ | √ | | |
| | | MPC5565 | √ | √ | | √ | √ | | |
| | | MPC5566 | √ | √ | | √ | √ | | |
| MPC5567 | √ | √ | | √ | √ | | | | |
| Freescale MPC56xx | Freescale | MPC5602P | √ | √ | | √ | √ | | |
| | | MPC5603P | √ | √ | | √ | √ | | |
| | | MPC5604P | √ | √ | | √ | √ | | |
| | | MPC5606S | √ | √ | | √ | √ | | |
| | | MPC5607B | √ | √ | | √ | √ | | |
| | | MPC5607S | √ | √ | | √ | √ | | |
| | | MPC5646C | √ | √ | 1 | √ | √ | 1 | |
| | | MPC5674 | √ | √ | | √ | √ | | |
| | | ST Micro | SPC560B40 | √ | √ | | √ | √ | |
| | | | SPC560B44 | √ | √ | | √ | √ | |
| SPC560B50 | √ | | √ | | √ | √ | | | |
| SPC560S60 | √ | √ | | √ | √ | | | | |
| Motorola/IBM PPC6xx | IBM | PPC603E | √ | √ | | √ | √ | | |
| | Freescale | MPC603E | √ | √ | | √ | √ | | |
| | IBM | PPC603P | √ | √ | | √ | √ | | |
| | Freescale | MPC603P | √ | √ | | √ | √ | | |
| | IBM | PPC603R | √ | √ | | √ | √ | | |
| | Freescale | MPC603R | √ | √ | | √ | √ | | |
| | IBM | PPCEC603 | √ | √ | | √ | √ | | |
| | Freescale | MPCEC603E | √ | √ | | √ | √ | | |
| Motorola/IBM PPC7xx | IBM | PPC740 | √ | √ | | √ | √ | | |
| | Freescale | MPC740 | √ | √ | | √ | √ | | |
| | IBM | PPC745 | √ | √ | | √ | √ | | |
| | Freescale | MPC745 | √ | √ | | √ | √ | | |
| | IBM | PPC750 | √ | √ | | √ | √ | | |
| | Freescale | MPC750 | √ | √ | | √ | √ | | |
| | IBM | PPC755 | √ | √ | | √ | √ | | |
| | Freescale | MPC755 | √ | √ | | √ | √ | | |
| | IBM | PPC750CX | √ | √ | | √ | √ | | |
| | IBM | PPC750CXe | √ | √ | | √ | √ | | |
| | IBM | PPC750L | √ | √ | | √ | √ | | |
| | IBM | PPC750FX | √ | √ | | √ | √ | | |
| | IBM | PPC750GX | √ | √ | | √ | √ | | |
| | IBM | PPC750GL | √ | √ | | √ | √ | | |
| | IBM | PPC750FL | √ | √ | | √ | √ | | |
| | IBM | PPC750CXr | √ | √ | | √ | √ | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users
Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

PowerPC Architecture Processors (Part 3 of 6)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | | | |
|--------------------------|-----------|-------------------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|---|--|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes | | |
| Freescale MPC74xx | Freescale | MPC7400 | √ | √ | | √ | √ | | | |
| | | MPC7410 | √ | √ | | √ | √ | | | |
| | | MPC7440 | √ | √ | | √ | √ | | | |
| | | MPC7441 | √ | √ | | √ | √ | | | |
| | | MPC7445 | √ | √ | | √ | √ | | | |
| | | MPC7447 | √ | √ | | √ | √ | | | |
| | | MPC7447a | √ | √ | | √ | √ | | | |
| | | MPC7448 | √ | √ | | √ | √ | | | |
| | | MPC7450 | √ | √ | | √ | √ | | | |
| | | MPC7451 | √ | √ | | √ | √ | | | |
| | | MPC7455 | √ | √ | | √ | √ | | | |
| | | MPC7457 | √ | √ | | √ | √ | | | |
| | | Freescale MPC8xx (BDM) | Freescale | MPC801 | √ | √ | | √ | √ | |
| | | | | MPC821 | √ | √ | | √ | √ | |
| MPC823 | √ | | | √ | | √ | √ | | | |
| MPC823E | √ | | | √ | | √ | √ | | | |
| MPC850 | √ | | | √ | | √ | √ | | | |
| MPC850DC | √ | | | √ | | √ | √ | | | |
| MPC850DE | √ | | | √ | | √ | √ | | | |
| MPC850DH | √ | | | √ | | √ | √ | | | |
| MPC850DSL | √ | | | √ | | √ | √ | | | |
| MPC850SAR | √ | | | √ | | √ | √ | | | |
| MPC850SE | √ | | | √ | | √ | √ | | | |
| MPC852T | √ | | | √ | | √ | √ | | | |
| MPC855T | √ | | | √ | | √ | √ | | | |
| MPC857DSL | √ | | | √ | | √ | √ | | | |
| MPC857T | √ | | | √ | | √ | √ | | | |
| MPC859DSL | √ | | | √ | | √ | √ | | | |
| MPC859T | √ | | | √ | | √ | √ | | | |
| MPC860 | √ | | | √ | | √ | √ | | | |
| MPC860DC | √ | | | √ | | √ | √ | | | |
| MPC860DE | √ | | | √ | | √ | √ | | | |
| MPC860DH | √ | | | √ | | √ | √ | | | |
| MPC860DP | √ | | | √ | | √ | √ | | | |
| MPC860DT | √ | | | √ | | √ | √ | | | |
| MPC860EN | √ | | | √ | | √ | √ | | | |
| MPC860MH | √ | | | √ | | √ | √ | | | |
| MPC860P | √ | | | √ | | √ | √ | | | |
| MPC860SAR | √ | | | √ | | √ | √ | | | |
| MPC860T | √ | | | √ | | √ | √ | | | |
| MPC862DP | √ | | | √ | | √ | √ | | | |
| MPC862DT | √ | | | √ | | √ | √ | | | |
| MPC862P | √ | | | √ | | √ | √ | | | |
| MPC862SR | √ | | | √ | | √ | √ | | | |
| MPC862T | √ | | | √ | | √ | √ | | | |
| MPC866T | √ | √ | | √ | √ | | | | | |
| MPC866P | √ | √ | | √ | √ | | | | | |
| MPC870 | √ | √ | | √ | √ | | | | | |
| MPC875 | √ | √ | | √ | √ | | | | | |
| MPC880 | √ | √ | | √ | √ | | | | | |
| MPC885 | √ | √ | | √ | √ | | | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

PowerPC Architecture Processors (Part 4 of 6)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|--------------------------|-----------|-----------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Freescale MPC82xx | Freescale | MPC8220 | √ | √ | | √ | √ | |
| | | MPC8240 | √ | √ | | √ | √ | |
| | | MPC8241 | √ | √ | | √ | √ | |
| | | MPC8245 | √ | √ | | √ | √ | |
| | | MPC8247 | √ | √ | | √ | √ | |
| | | MPC8248 | √ | √ | | √ | √ | |
| | | MPC8250 | √ | √ | | √ | √ | |
| | | MPC8255 | √ | √ | | √ | √ | |
| | | MPC8260 | √ | √ | | √ | √ | |
| | | MPC8264 | √ | √ | | √ | √ | |
| | | MPC8265 | √ | √ | | √ | √ | |
| | | MPC8266 | √ | √ | | √ | √ | |
| | | MPC8270 | √ | √ | | √ | √ | |
| | | MPC8271 | √ | √ | | √ | √ | |
| | | MPC8272 | √ | √ | | √ | √ | |
| | | MPC8275 | √ | √ | | √ | √ | |
| MPC8280 | √ | √ | | √ | √ | | | |
| Freescale MPC83xx | Freescale | MPC8306 | √ | √ | | √ | √ | |
| | | MPC8308 | √ | √ | | √ | √ | |
| | | MPC8309 | √ | √ | | √ | √ | |
| | | MPC8313 | √ | √ | | √ | √ | |
| | | MPC8313E | √ | √ | | √ | √ | |
| | | MPC8314 | √ | √ | | √ | √ | |
| | | MPC8314E | √ | √ | | √ | √ | |
| | | MPC8315 | √ | √ | | √ | √ | |
| | | MPC8315E | √ | √ | | √ | √ | |
| | | MPC8321 | √ | √ | | √ | √ | |
| | | MPC8321E | √ | √ | | √ | √ | |
| | | MPC8323 | √ | √ | | √ | √ | |
| | | MPC8323E | √ | √ | | √ | √ | |
| | | MPC8343 | √ | √ | | √ | √ | |
| | | MPC8343E | √ | √ | | √ | √ | |
| | | MPC8347 | √ | √ | | √ | √ | |
| | | MPC8347E | √ | √ | | √ | √ | |
| | | MPC8349 | √ | √ | | √ | √ | |
| | | MPC8349E | √ | √ | | √ | √ | |
| | | MPC8358 | √ | √ | | √ | √ | |
| | | MPC8358E | √ | √ | | √ | √ | |
| | | MPC8360 | √ | √ | | √ | √ | |
| | | MPC8360E | √ | √ | | √ | √ | |
| | | MPC8377 | √ | √ | | √ | √ | |
| | | MPC8377E | √ | √ | | √ | √ | |
| | | MPC8378 | √ | √ | | √ | √ | |
| MPC8378E | √ | √ | | √ | √ | | | |
| MPC8379 | √ | √ | | √ | √ | | | |
| MPC8379E | √ | √ | | √ | √ | | | |
| MPC5121E | √ | √ | | √ | √ | | | |
| MPC5125 | √ | √ | | √ | √ | | | |
| Freescale MPC85xx | Freescale | MPC8533 | √ | √ | | √ | √ | |
| | | MPC8533E | √ | √ | | √ | √ | |
| | | MPC8535 | √ | √ | | √ | √ | |
| | | MPC8535E | √ | √ | | √ | √ | |
| | | MPC8536 | √ | √ | | √ | √ | |
| | | MPC8536E | √ | √ | | √ | √ | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

PowerPC Architecture Processors (Part 5 of 6)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|---------------------------------------|-----------|---------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Freescale MPC85xx | Freescale | MPC8540 | √ | √ | | √ | √ | |
| | | MPC8541 | √ | √ | | √ | √ | |
| | | MPC8541E | √ | √ | | √ | √ | |
| | | MPC8543 | √ | √ | | √ | √ | |
| | | MPC8543E | √ | √ | | √ | √ | |
| | | MPC8544 | √ | √ | | √ | √ | |
| | | MPC8544E | √ | √ | | √ | √ | |
| | | MPC8545 | √ | √ | | √ | √ | |
| | | MPC8545E | √ | √ | | √ | √ | |
| | | MPC8547 | √ | √ | | √ | √ | |
| | | MPC8547E | √ | √ | | √ | √ | |
| | | MPC8548 | √ | √ | | √ | √ | |
| | | MPC8548E | √ | √ | | √ | √ | |
| | | MPC8555 | √ | √ | | √ | √ | |
| | | MPC8555E | √ | √ | | √ | √ | |
| | | MPC8560 | √ | √ | | √ | √ | |
| | | MPC8565 | √ | √ | | √ | √ | |
| | | MPC8565E | √ | √ | | √ | √ | |
| | | MPC8567 | √ | √ | | √ | √ | |
| | | MPC8567E | √ | √ | | √ | √ | |
| | | MPC8568 | √ | √ | | √ | √ | |
| | | MPC8568E | √ | √ | | √ | √ | |
| | | MPC8569 | √ | √ | | √ | √ | |
| MPC8569E | √ | √ | | √ | √ | | | |
| MPC8572 | √ | √* | | √ | √* | | | |
| MPC8572E | √ | √* | | √ | √* | | | |
| Freescale MPC86xx | Freescale | MPC8610 | √ | √ | | √ | √ | |
| | | MPC8640 | √ | √* | | √ | √* | |
| | | MPC8640D | √ | √* | | √ | √* | |
| | | MPC8641 | √ | √* | | √ | √* | |
| | | MPC8641D | √ | √* | | √ | √* | |
| Freescale QorIQ Qonverge B4xxx | Freescale | QorIQ B4420 | √ | √* | 1,2 | | | |
| | | QorIQ B4420E | √ | √* | 1,2 | | | |
| | | QorIQ B4860 | √ | √* | 1,2 | | | |
| | | QorIQ B4860E | √ | √* | 1,2 | | | |
| Freescale QorIQ P1xxx | Freescale | QorIQ P1010 | √ | √* | | √ | √* | |
| | | QorIQ P1010E | √ | √* | | √ | √* | |
| | | QorIQ P1011 | √ | √* | | √ | √* | |
| | | QorIQ P1011E | √ | √* | | √ | √* | |
| | | QorIQ P1012 | √ | √* | | √ | √* | |
| | | QorIQ P1012E | √ | √* | | √ | √* | |
| | | QorIQ P1013 | √ | √* | | √ | √* | |
| | | QorIQ P1013E | √ | √* | | √ | √* | |
| | | QorIQ P1014 | √ | √* | 1 | √ | √* | 1 |
| | | QorIQ P1014E | √ | √* | 1 | √ | √* | 1 |
| | | QorIQ P1015 | √ | √* | | √ | √* | |
| | | QorIQ P1015E | √ | √* | | √ | √* | |
| | | QorIQ P1016 | √ | √* | | √ | √* | |
| | | QorIQ P1016E | √ | √* | | √ | √* | |
| | | QorIQ P1017 | √ | √* | | √ | √* | |
| | | QorIQ P1017E | √ | √* | | √ | √* | |
| | | QorIQ P1020 | √ | √* | | √ | √* | |
| | | QorIQ P1020E | √ | √* | | √ | √* | |
| | | QorIQ P1021 | √ | √* | 3 | √ | √* | 3 |
| | | QorIQ P1021E | √ | √* | 3 | √ | √* | 3 |
| | | QorIQ P1022 | √ | √* | | √ | √* | |
| | | QorIQ P1022E | √ | √* | | √ | √* | |
| | | QorIQ P1023 | √ | √* | | √ | √* | |
| | | QorIQ P1023E | √ | √* | | √ | √* | |
| | | QorIQ P1024 | √ | √* | | √ | √* | |
| | | QorIQ P1024E | √ | √* | | √ | √* | |
| | | QorIQ P1025 | √ | √* | | √ | √* | |
| QorIQ P1025E | √ | √* | | √ | √* | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users
Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

2 Requires Processor Group 3 for Workbench On-Chip Debugging 3.3.4 (Electronic Update)

(Processor Group 3 is cumulative containing contents of Processor Groups 1 & 2)

3 Flash programming requires Workbench On-Chip Debugging 3.3.1 or later version

PowerPC Architecture Processors (Part 6 of 6)

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|------------------------------|-----------|---------------------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| Freescale QorIQ P2xxx | Freescale | QorIQ P2010 | √ | √* | | √ | √* | |
| | | QorIQ P2010E | √ | √* | | √ | √* | |
| | | QorIQ P2020 | √ | √* | | √ | √* | |
| | | QorIQ P2020E | √ | √* | | √ | √* | |
| | | QorIQ P2040 | √ | √* | | √ | √* | |
| | | QorIQ P2040E | √ | √* | | √ | √* | |
| | | QorIQ P2041 | √ | √* | | √ | √* | |
| | | QorIQ P2041E | √ | √* | | √ | √* | |
| Freescale QorIQ P3xxx | Freescale | QorIQ P3041 | √ | √* | | √ | √* | |
| | | QorIQ P3041E | √ | √* | | √ | √* | |
| Freescale QorIQ P4xxx | Freescale | QorIQ P4040 | √ | √* | | √ | √* | |
| | | QorIQ P4040E | √ | √* | | √ | √* | |
| | | QorIQ P4080 | √ | √* | | √ | √* | |
| | | QorIQ P4080E | √ | √* | | √ | √* | |
| Freescale QorIQ P5xxx | Freescale | QorIQ P5010 | √ | √* | 1 | √ | √* | 1 |
| | | QorIQ P5010E | √ | √* | 1 | √ | √* | 1 |
| | | QorIQ P5020 | √ | √* | | √ | √* | |
| | | QorIQ P5020E | √ | √* | | √ | √* | |
| | | QorIQ P5021 | √ | √* | 1,2 | | | |
| | | QorIQ P5021E | √ | √* | 1,2 | | | |
| | | QorIQ P5040 | √ | √* | 1 | √ | √* | 1 |
| | | QorIQ P5040E | √ | √* | 1 | √ | √* | 1 |
| Freescale QorIQ T4xxx | Freescale | QorIQ T4160 | √ | √* | 1,2 | | | |
| | | QorIQ T4160E | √ | √* | 1,2 | | | |
| | | QorIQ T4240 | √ | √* | 1,2 | | | |
| | | QorIQ T4240E | √ | √* | 1,2 | | | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug

1 Requires Workbench On-Chip Debugging 3.3.4 (Orderable) or Workbench On-Chip Debugging 3.3.x with Update Pack 4 (Electronic Update) for WB OCD users Requires On-Chip Debugging API 3.9.9 (Orderable) or On-Chip Debugging API 3.9.7/3.9.8 with Update Pack 9 (Electronic Update) for OCD API users

2 Requires Processor Group 3 for Workbench On-Chip Debugging 3.3.4 (Electronic Update)
(Processor Group 3 is cumulative containing contents of Processor Groups 1 & 2)

XScale Architecture Processors

| Processor Family | Vendor | Processor | Wind River Workbench On-Chip Debugging version 3.3.4 | | | Wind River On-Chip Debugging API version 3.9.9 | | |
|------------------|---------|-----------|------------------------------------------------------|-------------------|-------|------------------------------------------------|-------------------|-------|
| | | | Wind River ICE 2 | Wind River Probe* | Notes | Wind River ICE 2 | Wind River Probe* | Notes |
| IXP4xx | Intel | IXP420 | | √ | | | √ | |
| | | IXP421 | | √ | | | √ | |
| | | IXP422 | | √ | | | √ | |
| | | IXP425 | | √ | | | √ | |
| | | IXP450 | | √ | | | √ | |
| | | IXP451 | | √ | | | √ | |
| | | IXP452 | | √ | | | √ | |
| | | IXP455 | | √ | | | √ | |
| | | IXP460 | | √ | | | √ | |
| | | IXP465 | | √ | | | √ | |
| IXP2xxx | Intel | IXP2325 | | √ | | | √ | |
| | | IXP2350 | | √ | | | √ | |
| | | IXP2351 | | √ | | | √ | |
| | | IXP2400 | | √ | | | √ | |
| | | IXP2401 | | √ | | | √ | |
| | | IXP2800 | | √ | | | √ | |
| | | IXP2801 | | √ | | | √ | |
| | | IXP2850 | | √ | | | √ | |
| | | IXP2851 | | √ | | | √ | |
| IOP | Intel | IOP310 | | √ | | | √ | |
| | | IOP321 | | √ | | | √ | |
| | | IOP331 | | √ | | | √ | |
| | | IOP333 | | √ | | | √ | |
| | | IOP341 | | √ | | | √ | |
| | | IOP342 | | √* | | | √* | |
| | | IOP348 | | √ | | | √ | |
| Marvell PXA2xx | Marvell | PXA210 | | √ | | | √ | |
| | | PXA250 | | √ | | | √ | |
| | | PXA255 | | √ | | | √ | |
| | | PXA270 | | √ | | | √ | |
| Marvell PXA3xx | Marvell | PXA300 | | √ | | | √ | |
| | | PXA310 | | √ | | | √ | |
| | | PXA320 | | √ | | | √ | |

√ Indicates a supported configuration

* Wind River Probe supports single-core / single-thread debug