

e2v社 ミリタリーグレードCPU (RISCアーキテクチャー)

型番	CPUクロック (MHz)	キャッシュ (Kbytes)	パッケージ	備考	温度
PowerPC745	300, 350	L1: 32KI/D	HITCE 255, 360 PBGA 255, 360, PBGA 360, CBGA 360		-55 to +125°C
PowerPC755	300, 350, 400	L1: 32KI/D	HITCE 255, 360 PBGA 255, 360, PBGA 360, CBGA 360	128-bit AltiVec vector processor	-55 to +125°C
PowerPC7410	400, 450, 500	L1: 32KI/D	HITCE 360, CBGA 360	128-bit AltiVec vector processor	-55 to +125°C
PowerPC7447A	1000, 1167	L1: 32KI/D, L2: 512 K	HITCE 360	128-bit AltiVec vector processor	-55 to +125°C
PowerPC7457	933, 1000	L1: 32KI/D, L2: 512 K	HITCE 483, CBGA 483	128-bit AltiVec vector processor	-55 to +125°C
PowerPC7448	1000, 1250, 1267	L1: 32KI/D, L2: 1024 K	HITCE 360	宇宙グレード 128-bit AltiVec vector processor	-55 to +125°C
PowerPC8640D	1000, 1067, 1250	L1: 32KI/D, L2: 1024 K	HiTCE 1023	128-bit AltiVec vector processor /32-bit local bus; DUART	-55 to +125°C
PowerPC8641D	1000, 1333	L1: 32KI/D, L2: 1024 K	HiTCE 1023	128-bit AltiVec vector processor /32-bit local bus; DUART	-55 to +125°C
PowerPC8610	1000, 1066, 1333	L1: 32KI/D, L2: 256 K	PBGA 783	128-bit AltiVec vector processor /Two Fast Infra-Red Interfaces, I2S, SSI	-55 to +125°C
PowerPC8540	1200	L1: 32KI/D, L2: 256 K	HiTCE 783	2x10/100/1000 Ethernet, 2x 10/100 Ethernet, DUART , Local Bus PCI/PCI-X, 8 (RapidIO)	-55 to +125°C
PowerPC8548	1200, 1330	L1: 32KI/D, L2: 512 K	HiTCE 783 PBGA 783	宇宙グレード 4x 10/100/1000 Ethernet, DUART , Dual I2C, two 32-bit PCI, PCI-Express, GPIO, SRIO	-55 to +125°C
PowerPC8572	1500	L1: 32KI/D, L2: 1024 K	HiTCE 783 PBGA 783	4x 10/100/1000 Ethernet, local bus, x8 SerDes for 3 PCI Express or one SRIO	-40 to +110°C
PowerPC860SR	66	L1: 4KI/D	PBGA 357	Ethernet, HDLC /SDLC , UART , Irda, SPI, I2C, PCMCIA	-55 to +125°C
PowerPC8240	200	L1: 16KI/D	TBGA 352	I2C, SPI, PCI, local bus	-40 to +110°C
PowerPC8245	300, 333	L1: 16KI/D	TBGA 352	I2C, SPI, PCI, local bus	-55 to +125°C
PowerPC8260A	266	L1: 16KI/D	TBGA 352	3x ATM Ctrl, 10/100 Ethernet, I2C, UART , SPI, PCI, local bus	-55 to +125°C
PowerPC8265A	266	L1: 16KI/D	TBGA 352	3x ATM Ctrl, 10/100 Ethernet I, I2C, UART , SPI, PCI, local bus	-55 to +125°C

この製品のお問合せは (株)ナセル システム営業部 TEL.03-5921-5099

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型番	CPUクロック (MHz)	キャッシュ (Kbytes)	パッケージ	備考	温度
PowerPC8270	400	L1: 16KI/D	TBGA 480	3x ATM Ctrl, 10/100 Ethernet, UART , I2C, SPI, PCI, local bus, USB	-55 to +125°C
PowerPC8280	400	L1: 16KI/D	TBGA 480	3x ATM Ctrl, 10/100 Ethernet, UART , I2C, SPI, PCI, local bus, USB	-55 to +125°C
PowerPC8349	667	L1: 32KI/D	TBGA 672	PCI, 2x10/100/1000 Ethernet, USB, 2x UART , 2x I2C, 4x DMA Ctrl	-40 to +110°C
PowerPC8378	667, 800	L1: 32KI/D	TePBGA 689	I2C, PCI, USB2, DUAL10/100/1000 Ethernet, 2 SATA (8379), 1 PCI&1SGMII (8378)	-55 to +125°C
PowerPC8379	667, 800	L1: 32KI/D	TePBGA 689	I2C, PCI, USB2, DUAL10/100/1000 Ethernet, 2 SATA (8379), 1 PCI&1SGMII (8378)	-55 to +125°C
QorIQ P1013	600, 800, 1067, 1200	L1: 32KI/D (per core) L2: 256K (shared)	TePBGA 689	3x PCIE, 2x 10/100/1000 Ethernet, 2x SATA , 6x SerDes, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P1022	600, 800, 1067, 1200	L1: 32KI/D (per core) L2: 256K (shared)	TePBGA 689	3x PCIE, 2x 10/100/1000 Ethernet, 2x SATA , 6x SerDes, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P2010	800, 1000, 1200	L1: 32KI/D (per core) L2: 512K (shared)	TePBGA 689	3x PCIE, 3x 10/100/1000 Ethernet, 2x SRIO, 4x SerDes, USB2, SGMII, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P2020	800, 1000, 1200	L1: 32KI/D (per core) L2: 512K (shared)	TePBGA 689	3x PCIE, 3x 10/100/1000 Ethernet, 2x SRIO, 4x SerDes, USB2, SGMII, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P2041	1200, 1333, 1500	L1: 32KI/D, L2: 128K (per core) L3: 1024K (shared)	FC-PBGA 780	4x PCIE, 2x SRIO, 2x SATA , 1x 10G + 5x 1G Ethernet, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P3041	1200, 1333, 1500	L1: 32KI/D, L2: 128K (per core) L3: 1024K (shared)	FC-PBGA 1295	4x PCIE, 2x SRIO, 2x SATA , 1x 10G + 5x 1G Ethernet, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P4040	1200, 1333, 1500	L1: 32KI/D, L2: 128K (per core) L3: 2048K (shared)	FC-PBGA 1295	3x PCIE, 2x SRIO, 2x 10G + 8x 1G Ethernet, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ P4080	1200, 1333, 1500	L1: 32KI/D, L2: 128K (per core) L3: 2048K (shared)	FC-PBGA 1295	3x PCIE, 2x SRIO, 2x 10G + 8x 1G Ethernet, USB2, eSPI, I2C, DUART , eLBC	-55 to +125°C
QorIQ T4160	1800, 1670, 1500	L1: 32KI/D L2: 2MB (shared) 1.5MB Platform Cache	FC-PBGA 1932	4x PCIE, 2x SRIO, 4x 10G + 16x 1G Ethernet, USB2, eSPI, I2C, DUART , 2x SATA	-55 to +125°C
QorIQ T4240	1800, 1670, 1500	L1: 32KI/D L2: 2MB (shared) 1.5MB Platform Cache	FC-PBGA 1932	4x PCIE, 2x SRIO, 4x 10G + 16x 1G Ethernet, USB2, eSPI, I2C, DUART , 2x SATA	-55 to +125°C

Qorivva 32-bit マイクロコントローラ

型番	CPUクロック (MHz)	オンチップメモリ	パッケージ	備考	温度
PC5566	144	3MB Flash+ 128K SRAM with ECC	TePBGA 416	2x eSCI, 4x DSPI, 4x CAN, Ethernet, GPIO, eMIOS, External Bus Interface, eTPU (2x 32ch) アナログe: Dual 40ch ADC	-55 to +125°C
PC5674F	264	3MB Flash+ 128K SRAM with ECC	TePBGA 516 TePBGA 416	アナログe: Dual 40ch ADC	-55 to +150°C

32-bit RISC周辺IC

型番	CPUクロック (MHz)	メモリ I/F	パッケージ	備考	温度
PowerPC107	100	2ch DMA DRAM, SDRAM, SRAM	HiTCE 503 FC-PBGA 503	I2C, PCIブレッヂ	-55 to +125°C
PowerPC109	200	4ch DMA DDR2-400	HiTCE 503 FC-PBGA 503	I2C, PCI, PCI-X ブレッヂ	-55 to +125°C

32-bit CISCマイクロプロセッサ & マイクロコントローラ

型番	CPUクロック (MHz)	インストラクション	パッケージ	備考	温度
68040	33	32Bits	PGA 179 CQFP 192		-55 to +125°C
68302	16.7	16Bits	PGA 132 CERQ UAD 132		-55 to +125°C
68332	20	16Bits	PGA 132		-55 to +125°C
68EN360	33	32Bits	CERQ UAD 132		-55 to +125°C
68C429 Arinc controller	20	16Bits	PGA 84 CQFP 132	ARINCコントローラ	-55 to +125°C
4442 Arinc controller	2	8Bits	DIL 28	ARINCコントローラ	-55 to +125°C