

## adviceXross 対応MPU情報一覧 (コア別)

(2025年4月現在)



## コア別 (Arm)

Vendor	Architecture	Core
Arm	v4T	Arm7TDMI
		Arm7TDMI-S
		Arm710T
		Arm720T
		Arm740T
		Arm9TDMI
		Arm9-S
		Arm920T
		Arm922T
		Arm940T
		v5TE
	Arm966E-S	
	Arm968E-S	
	v5TEJ	Arm7EJ-S
		Arm926EJ-S
	v6	Arm1136J(F)-S
	v6T2	Arm1156T2(F)-S
	v6KZ	Arm1176JZ(F)-S
	v6K	Arm11 MPCore
	v6-M	Cortex-M0
		Cortex-M0+
		Cortex-M1
	v7-A	Cortex-A5MP
		Cortex-A7MP
		Cortex-A8
		Cortex-A9MP
		Cortex-A15MP
	v7-R	Cortex-R4(F)
		Cortex-R5(F)
		Cortex-R7MP
		Cortex-R8
	v7-M	Cortex-M3
	v7E-M	Cortex-M4(F)
		Cortex-M7
	v8-A	Cortex-A35MP
		Cortex-A53MP
		Cortex-A55MP
		Cortex-A57MP
		Cortex-A72MP
		Cortex-A73MP
		Cortex-A75MP (※対応予定)
		Cortex-A76MP
	v8-R	Cortex-R52
	v8-M	Cortex-M23
		Cortex-M33
		Cortex-M55
		Cortex-M85

## コア別 (Xtensa)

Vendor	Architecture	Core
Cadence	Xtensa	Xtensa 6, Xtensa LX, Xtensa 7, Xtensa LX2, Xtensa 8, Xtensa LX3, Xtensa 9, Xtensa LX4, Xtensa 10, Xtensa LX5, Xtensa 11, Xtensa LX6, Xtensa LX7 Diamond Standard Processor Rev.A, Rev.B, Rev.C, Rev.D

## コア別 (RISC-V)

Vendor	Architecture	Core
-	RISC-V	SV39

adviceXross, adviceLUNA II 対応MPU情報一覧 (SoCベンダ別)  
(2025年4月現在)



## SoCベンダ別 (Arm)

Vendor	Device Family	Architecture	Core
Altera	Cyclone V SoC	Arm	Cortex-A9
	Arria V SoC		Cortex-A9
	Arria 10 SoC		Cortex-A9
	Agilex 5 SoC		Cortex-A76, Cortex-A55
AMD (旧Xilinx)	Zynq-7000	Arm	Cortex-A9
	Zynq UltraScale+ MPSoC		Cortex-A53, Cortex-R5
	Versal ACAP		Cortex-A72, Cortex-R5
AnalogDevices	ADSP-SC58x	Arm	Cortex-A5
Broadcom	BCM5301x	Arm	Cortex-A9
	BCM2711		Cortex-A72
	BCM2712		Cortex-A76
	BCM2836		Cortex-A7
	BCM2837		Cortex-A53
	SAS4xNN Series		Cortex-R4
Cypress Semiconductor (旧 Spansion, 富士通)	FM0+ Family	Arm	Cortex-M0
	FM3 Family		Cortex-M3
	FM4 Family		Cortex-M4
	S6E2H14E04		Cortex-M4
	Traveo Family (S6J311EJAA, S6J3200 Series)		Cortex-R5
	Traveo II Family (CYT2B7 Series, CYT2B9 Series, CYT2BL Series)		Cortex-M0+, Cortex-M4
	FX3		Arm926EJ-S
Digital Media Professionals	RS1DV300	Arm	Cortex-A53
Hilscher	netX51	Arm	Arm966
Marvell	ARMADA 38x (88F6820)	Arm	Cortex-A9
	ARMADA 7k Family (ARMADA 7040)		Cortex-A72
	ARMADA 600 Series		Sheeva PJ4B
	ARMADA XP Series		Sheeva PJ4BMP
Microchip Technology	SAM D21	Arm	Cortex-M0+
NXP (旧 Freescale, Motorola)	QorIQ LS1046A	Arm	Cortex-A72
	QorIQ LS2085A		Cortex-A57
	QorIQ LS1043A, LS1012A		Cortex-A53
	QorIQ LA1021A		Cortex-A7
	LPC4300 Series		Cortex-M4, Cortex-M0
	LPC1300/1700/1800 Series		Cortex-M3
	LPC1100/1200 Series, LPC4300 Series		Cortex-M0
	LPC2100/2200/2300/2400 Series		Arm7
	i.MX93		Cortex-A55
	i.MX8M Family		Cortex-A53, Cortex-M4F
	i.MX8M nano Family		Cortex-A53, Cortex-M7
	i.MX8M mini Family		Cortex-A53, Cortex-M4F
	i.MX8M Plus Family		Cortex-A53, Cortex-M7
	i.MX8X Family (i.MX8DualXPlus, i.MX8QuadXPlus)		Cortex-A35, Cortex-M4F
	i.MX7 Family		Cortex-A7, Cortex-M4
	i.MX6UltraLite		Cortex-A7
	i.MX6SoloX		Cortex-A9, Cortex-M4
	i.MX6 Family(Solo, Dual, Quad)		Cortex-A9
	i.MX5 Family		Cortex-A8
	i.MX3 Family		Arm11
	i.MX2 Family, DragonBall-MX1		Arm9
	i.MX RT Series (i.MX RT1064)		Cortex-M7
	Vybrid VF6xx Family		Cortex-A5, Cortex-M4
	Kinetis K Series, Kinetis L Series		Cortex-M4
	S32V234		Cortex-A53, Cortex-M4, Cortex-M0+
	S32K14x Family		Cortex-M4F
S32G2 Family	Cortex-A53, Cortex-M7		
Nuvoton	M051 Series	Arm	Cortex-M0
	NUC442/472 Series		Cortex-M4
Qualcomm (旧 CSR)	quatro 53xx	Arm	Arm11 MPCore, Cortex-M3
Renesas Electronics	R-Car E1, R-Car M1A, R-Car H1	Arm	Cortex-A9
	R-Car H2		Cortex-A15, Cortex-A7
	R-Car M2, R-Car V2H		Cortex-A15
	R-Car E2		Cortex-A7
	R-Car H3, R-Car M3		Cortex-A57, Cortex-A53, Cortex-R7
	R-Car E3		Cortex-A53, Cortex-R7
	R-Car V3U		Cortex-A76, Cortex-R52

(次ページに続く)

(続き)

Renesas Electronics	R-Car S4		Cortex-A55, Cortex-R52
	R-Car V4H		Cortex-A76, Cortex-R52
	RZ/A1H, RZ/A1M, RZ/A1L		Cortex-A9
	RZ/A2M		Cortex-A9
	RZ/G1H		Cortex-A15, Cortex-A7
	RZ/G1E, RZ/N1D, RZ/N1S		Cortex-A7
	RZ/G1M		Cortex-A15
	RZ/G2M		Cortex-A57, Cortex-A53
	RZ/G2N		Cortex-A57
	RZ/T1		Cortex-R4, Cortex-M3
	RZ/N2L, RZ/T2M		Cortex-R52
	RZ/T2H		Cortex-A55, Cortex-R52
	R-IN32M3		Cortex-M3
	R-IN32M4		Cortex-M4
	RA6M3		Cortex-M4
	RA6M4		Cortex-M33
	RA6M5		Cortex-M33
RA8M1		Cortex-M85	
Samsung	Exynos5250	Arm	Cortex-A15
	Exynos4412		Cortex-A9
Silicon Laboratories (旧 EnergyMicro)	EFM32LG Family	Arm	Cortex-M3
	EFM32GG Family		Cortex-M3
	EFM32PG Family		Cortex-M4F
Socionext	MB86M30, MB86M31	Arm	Cortex-A7
	SC2A11		Cortex-A53
STmicroelectronics	STM32MP151 Series, STM32MP157 Series	Arm	Cortex-A7, Cortex-M4
	STM32MP257 Series		Cortex-A35, Cortex-M33
	STM32F7 Series, STM32H7 Series		Cortex-M7
	STM32F4 Series, STM32G4 Series		Cortex-M4
	STM32F3 Series, STM32F2 Series, STM32F1 Series, STM32L1 Series		Cortex-M3
	STM32F0 Series, STM32L0 Series		Cortex-M0
	STM32H5 Series		Cortex-M33
Telechips	Dolphin+ (TCC803x)	Arm	Cortex-A53, Cortex-A7, Cortex-R5
Texas Instruments	AM64x	Arm	Cortex-A53, Cortex-R5
	AM654x		Cortex-A53, Cortex-R5, Cortex-M3
	AM5718, AM5728		Cortex-A15
	AM437x		Cortex-A9
	66AK2Gx, 66AK2Hx, 66AK2Ex		Cortex-A15
	OMAP5430/5432		Cortex-A15
	OMAP4430/4460		Cortex-A9
	OMAP3430/3530, AM33xx/37xx Series, DM816x, SM814x		Cortex-A8
	DM816x, SM814x		Cortex-M3
	Sterllaris LM3S Series		Cortex-M3
	OMAP24xx, OMAPV2230		Arm11, Arm9
	OMAP-L137/L138, OMAP1510, OMAP161x, AM17xx, AM18xx		Arm9
	Hercules TMS470R		Arm7
	Jacinto7 (J721E, J784S4, AM69)		Cortex-A72, Cortex-R5
YAMAHA	GP3	Arm	Cortex-A9
東芝デバイス&ストレージ	TZ2100, GP2	Arm	Cortex-A9
	TMPR46x		Cortex-R4
	TX04 Series (TMPM4xx)		Cortex-M4
	TX03 Series (TMPM3xx)		Cortex-M3
	TMPV770		Cortex-A53, Cortex-R4, Cortex-M3

※内蔵フラッシュメモリ書き込みの対応につきましては、担当営業までお問い合わせください。