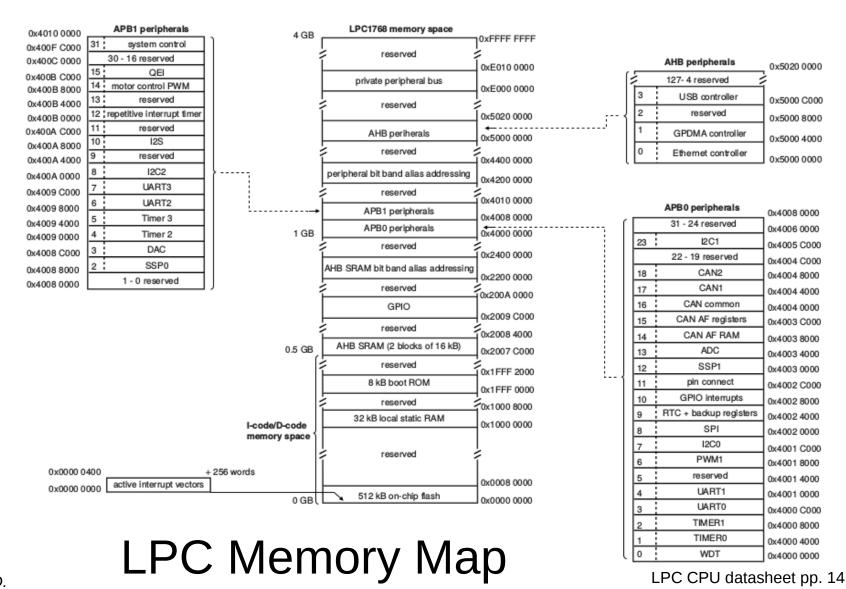
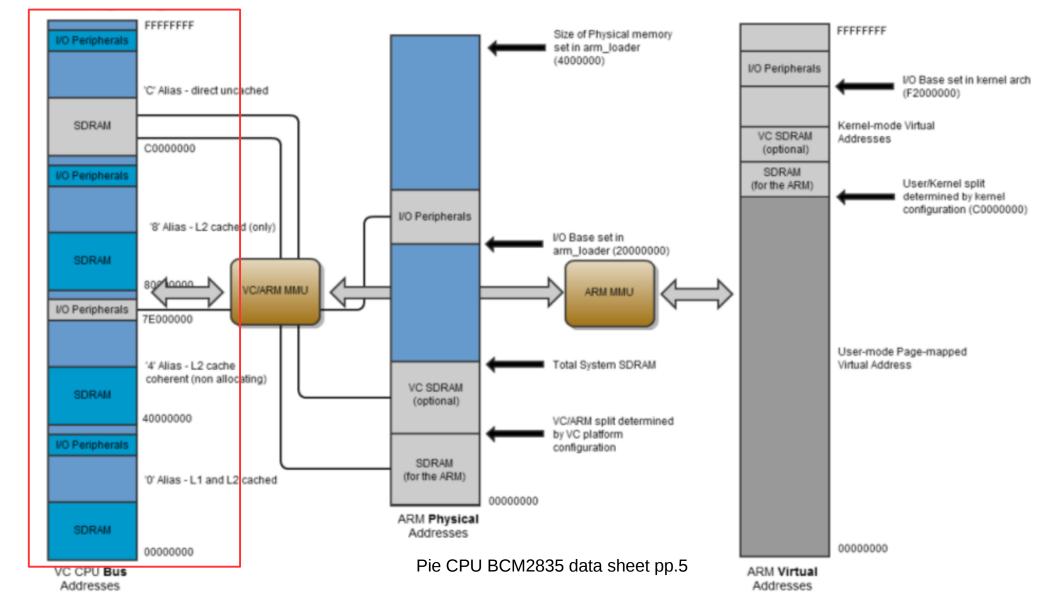
ARM11 Memory Map

Start Address	End Address	Int. ROM	Stepping Stone	SROM Ctrl.	One NAND	One NAND	DRAM Ctrl 1
			(NAND Ctrl.)		Ctrl. 0	Ctrl. 1	
0x00000000	0x07FFFFF	O ¹	-	O ¹	O ¹	-	-
0x0800000	0x0BFFFFFF	0	-	-	-	-	-
0x0C000000	0x0FFFFFF	-	0	-	-	-	-
0x10000000	0x17FFFFFF	-	-	0	-	-	-
0x18000000	0x1FFFFFF	-	-	0	-	-	-
0x20000000	0x27FFFFF	-	-	O ²	O ²	-	-
0x28000000	0x2FFFFFF	-	-	O ²		O ²	-
0x30000000	0x37FFFFFF	-	-	0	-	-	-
0x38000000	0x3FFFFFF	-	-	0	-	-	-
0x40000000	0x47FFFFF	-	-	-	-	-	-
0x48000000	0x4FFFFFF	-	-	-	-	-	-
0x50000000	0x5FFFFFF	-	-	-	-	-	0
0x60000000	0x6FFFFFF	-	-	-	-	-	0

CPU datasheet pp. 114





Video Core

https://en.wikipedia.org/wiki/VideoCore

	GPU			СРИ	Max	Utilizing			
SoC	Microarchitecture	Freq. (MHz)	Instruction set	Microarchitecture	Cores	Freq. (MHz)	display	devices	
BCM2835 <i>달</i>	VideoCore 4	250	ARMv6	ARM1176	1	700	Full HD 1080p	List [show]	

	Тор	Attr.	Description	Notes		Base	Тор	Attr.	Description	Notes	
0×0000_0000	0x0000_00FF		Reserved	Debug Address Space		0×1002_2000	0x1002_FFFF		Reserved		
0x0000_0100	0x0000_0FFF	RWX A	Debug	Debug Address Space		0×1003_0000	0x1003_0FFF	RW A	I2C		
0x0000_1000	0x0000_1FFF	RX	Mode Select				0x1003_1000	0x1003_FFFF		Reserved	
0x0000_2000	0x0000_FFFF		Reserved			0x1004_0000	0x1004_0FFF	RW A	QSPI 0		
0x0001_0000	0x0001_7FFF	RX	Mask ROM			0x1004_1000	0x1004_1FFF	RW A	QSPI 1		
			(32 KiB)		0x1004_2000	0x1004_FFFF	NW 74	Reserved			
0x0001_8000	0x00FF_FFFF		Reserved					DI. A			
0x0100_0000	0x0100_1FFF	RWX A	E51 DTIM (8 KiB)		0x1005_0000	0x1005_0FFF	RW A	QSPI 2			
0x0100_2000	0x017F_FFFF		Reserved			0x1005_1000	0x1005_FFFF		Reserved		
0×0180_0000	0x0180_1FFF	RWX A	E51 Hart 0 ITIM			0x1006_0000	0x1006_0FFF	RW A	GPIO		
0 × 01 9 0 2 00 0	0x0180_7FFF		(8 KiB) Reserved	1		0×1006_1000	0x1006_FFFF		Reserved		
0x0180_2000 0x0180_8000	0x0180_7FFF	RWX A	U54 Hart 1 ITIM			0x1007_0000	0x1007_0FFF	RW A	OTP		
0.0100_0000	0.0100_EFFF	NHA A	(28 KiB)			0x1007_1000	0x1007_FFFF		Reserved		
0x0180_F000	0x0180_FFFF		Reserved	1		0x1008_0000	0x1008_0FFF	RW A	Pin Control		
0x0181_0000	0x0181_6FFF	RWX A	U54 Hart 2 ITIM	1		0×1008_1000	0x1008_FFFF		Reserved	RISC-\	
			(28 KiB)			0×1009_0000	0x1009_1FFF	RW A	Ethernet MAC	pp. 30	
0x0181_7000	0x0181_7FFF		Reserved			0x1009_2000	0x1009_FFFF		Reserved		
0×0181_8000	0x0181_EFFF	RWX A	U54 Hart 3 ITIM (28 KiB)			0x100A_0000	0x100A_0FFF	RW A	Ethernet Manage- ment		
0×0181_F000	0x0181_FFFF		Reserved			0x100A_1000	0x100A_FFFF		Reserved		
0x0182_0000	0x0182_6FFF	RWX A	U54 Hart 4 ITIM	On-Chip Peripherals		0x100B_0000	0x100B_3FFF	RW A	DDR Control		
			(28 KiB)				NW A	Reserved			
0x0182_7000	0x01FF_FFFF		Reserved			0x100B_4000	0x100B_FFFF	DI. A		4	
0×0200_0000	0x0200_FFFF	RW A	CLINT		0x100C_0000	0x100C_3FFF	RW A	DDR Management			
0x0201_0000	0x0201_0FFF	RW A	Cache Controller			0x100C_4000	0x17FF_FFFF		Reserved	4	
0x0201_1000	0x0201_FFFF		Reserved		0x1800_0000	0x1FFF_FFFF	RW CA	Error Device			
0×0202_0000	0x0202_0FFF	RW A	MSI			0×2000_0000	0x2FFF_FFFF	RXA	QSPI 0 Flash		
0x0202_1000	0x02FF_FFFF		Reserved					(256 MiB)	Off-Chip Non-Volatile		
0x0300_0000	0x030F_FFFF	RW A	DMA Controller			0x3000_0000	0x3FFF_FFFF	RXA	QSPI 1 Flash	Memory	
0x0310_0000	0x07FF_FFFF		Reserved						(256 MiB)		
0x0800_0000	0x09FF_FFFF	RWX A	L2 LIM (32 MiB)			0×4000_0000	0x5FFF_FFFF	RWX A	ChipLink		
0x0A00_0000	0x0BFF_FFFF	RWXCA	L2 Zero device						(512 MiB)	ChipLink	
0×0C00_0000	0x0FFF_FFFF	RW A	PLIC				0×6000_0000	0x7FFF_FFFF	RWXCA	ChipLink	Опренк
0x1000_0000	0x1000_0FFF	RW A	PRCI						(512 MiB)		
0x1000_1000	0x1000_FFFF	DL/ 1	Reserved UART 0			0x8000_0000	0x1F_FFFF_FFFF	RWX A	DDR Memory	Off-Chip Volatile Mem-	
0x1001_0000	0x1001_0FFF	RW A	UART 1						(126 GiB)	ory	
0x1001_1000	0x1001_1FFF	RW A				0×20_0000_0000	0x2F_FFFF_FFFF	RWX A	ChipLink (64 GiB)	Chint ink	
0×1001_2000	0x1001_FFFF		Reserved PWM 0	4		0x30_0000_0000	0x3F_FFFF_FFF	RWXCA	ChipLink (64 GiB)	ChipLink	
0x1002_0000	0x1002_0FFF	RW A									

Boot Sequence RISC-V