

Beyzanur DEMİR
G161210045

Bellek Birimi Binary Haritalama

			A ₁₅ A ₁₄ A ₁₃ A ₁₂	A ₁₁ A ₁₀ A ₉ A ₈	A ₇ A ₆ A ₅ A ₄	A ₃ A ₂ A ₁ A ₀
BOF	0x000					
	0x1000	4x8 8255	1000h	0 0 0 1	0 0 0 0	0 0 0 0
8255 (4x8)			1FFFh	0 0 0 1	1 1 1 1	1 1 1 1
	0x1FFF					
BOF	0x6000	8x8 RAM	6000h	0 1 1 0	0 0 0 0	0 0 0 0
			6FFFh	0 1 1 0	1 1 1 1	1 1 1 1
RAM (16x8)	0x9FFF		7000h	0 1 1 1	0 0 0 0	0 0 0 0
			7FFFh	0 1 1 1	1 1 1 1	1 1 1 1
BOF	0xC000		8000h	1 0 0 0	0 0 0 0	0 0 0 0
			8FFFh	1 0 0 0	1 1 1 1	1 1 1 1
ROM-1 (4x8)	0xCFFF		9000h	1 0 0 1	0 0 0 0	0 0 0 0
			9FFFh	1 0 0 1	1 1 1 1	1 1 1 1
BOF	0xE000	8x8 ROM-2	C000h	1 1 0 0	0 0 0 0	0 0 0 0
			CFFFh	1 1 0 0	1 1 1 1	1 1 1 1
ROM-2 (8x8)	0xFFFF		E000h	1 1 1 0	0 0 0 0	0 0 0 0
			FFFFh	1 1 1 0	1 1 1 1	1 1 1 1
			F000h	1 1 1 1	0 0 0 0	0 0 0 0
			FFFFh	1 1 1 1	1 1 1 1	1 1 1 1

A₁₄, A₁₃, A₂ → Seçim uyarı

A₁₅ → decoder değişim

8255 → y₁

RAM → y₀, y₁, y₆, y₇

ROM-1 → y₄

ROM-2 → y₀, y₇

I/O Birimi Binary Haritalama

			A ₁₅ A ₁₄ A ₁₃ A ₁₂	A ₁₁ A ₁₀ A ₉ A ₈	
BOF	0x00				
	0x40				
I/O-1 (8x8)	0x47		0 0 1 1	0 0 0 0	I/O-1 → y ₁
			0 1 0 0	0 1 1 1	
BOF	0xb0		0 1 1 0	0 0 0 0	I/O-2 → y ₃
			0 1 1 0	0 0 1 1	
I/O-2 (4x8)	0xb3		1 1 1 0	0 0 0 0	8255 → y ₇
BOF	0xE0		1 1 1 0	0 0 1 1	
8255 (4x8)	0xE3				
BOF	0xFF				

A₁₅, A₁₄, A₁₃ → Seçim uyarı

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