

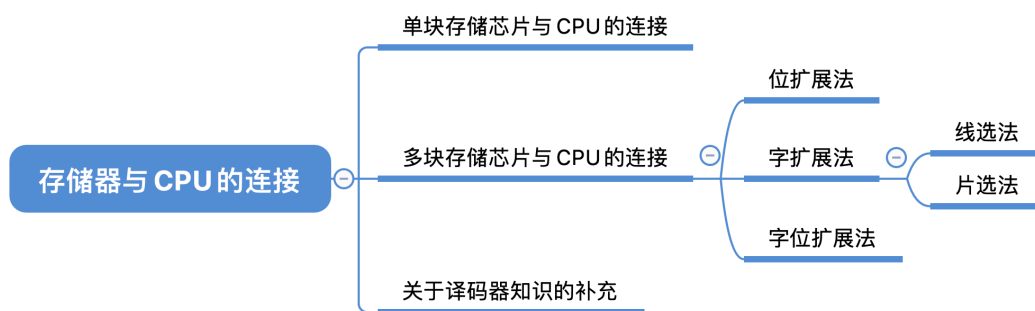
本节内容

主存储器与
CPU的连接

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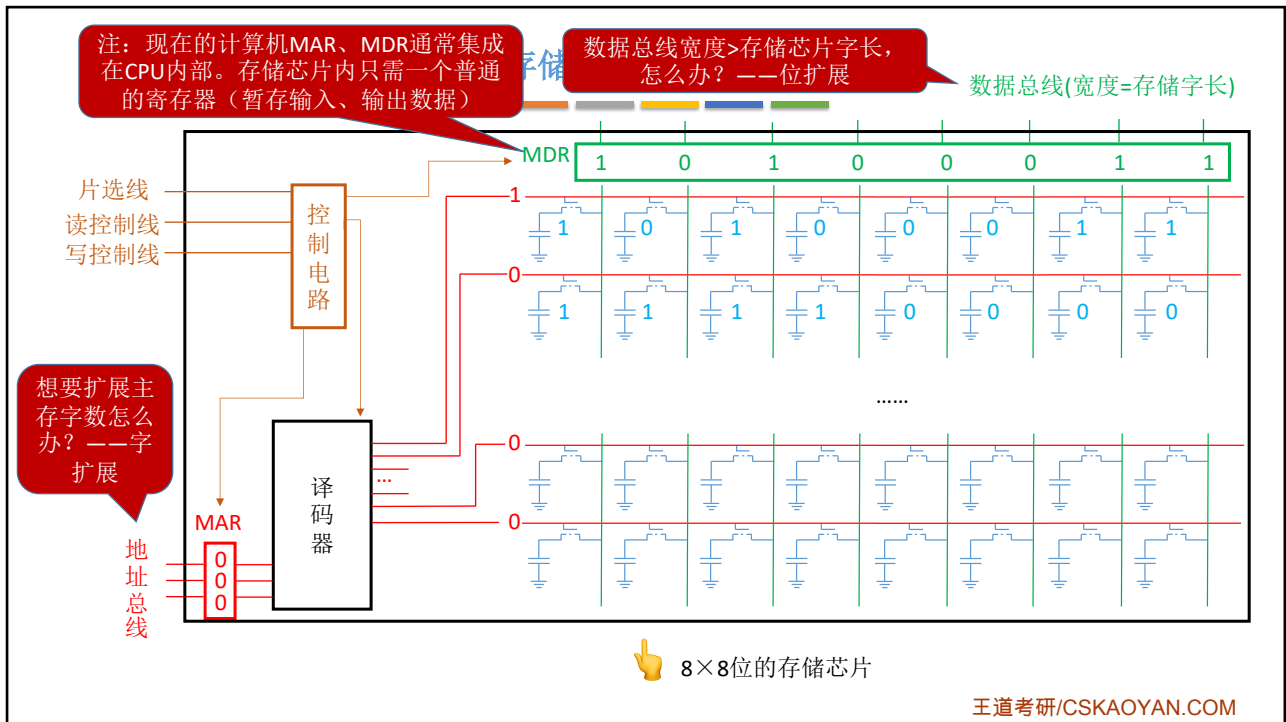
1

知识总览

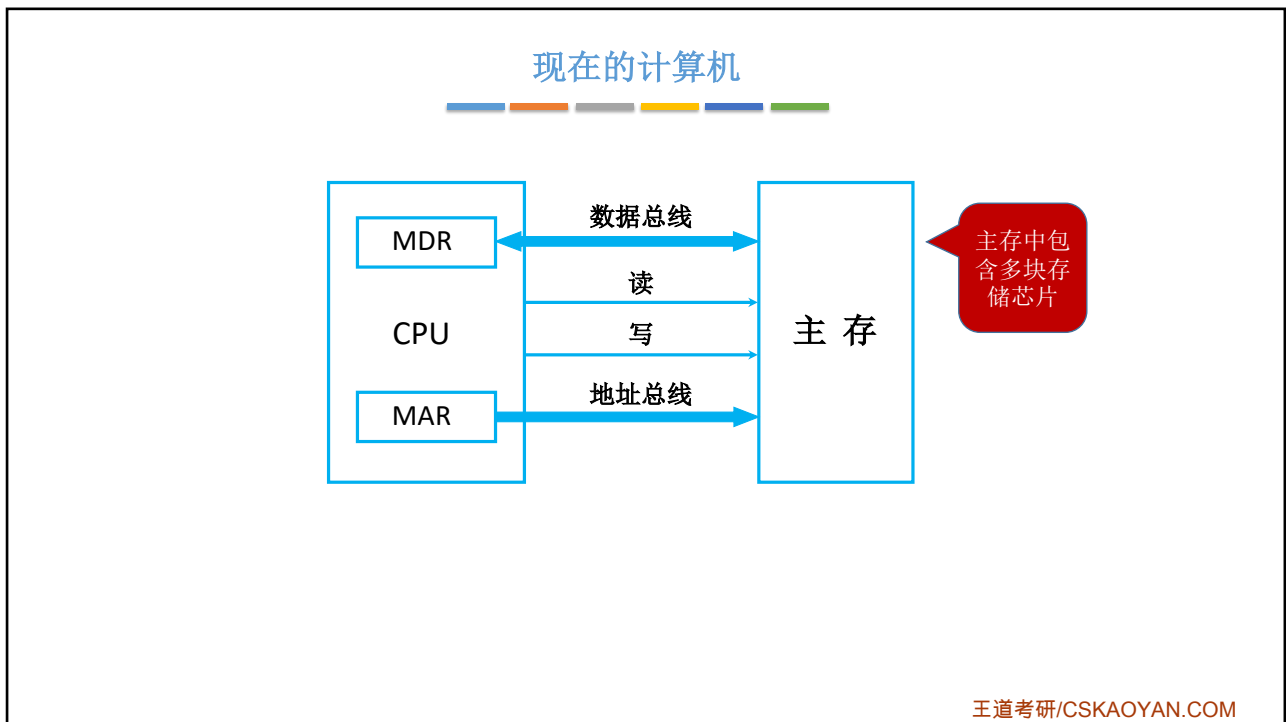


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2



3



4

包含多块存储芯片



8GB

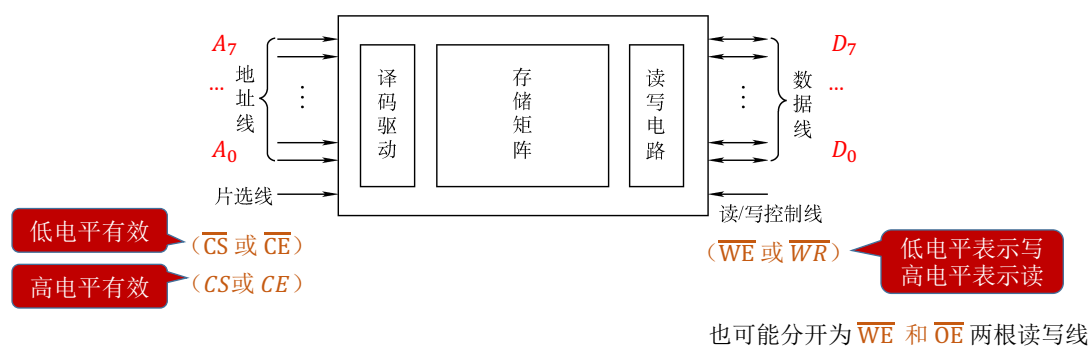


16GB

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5

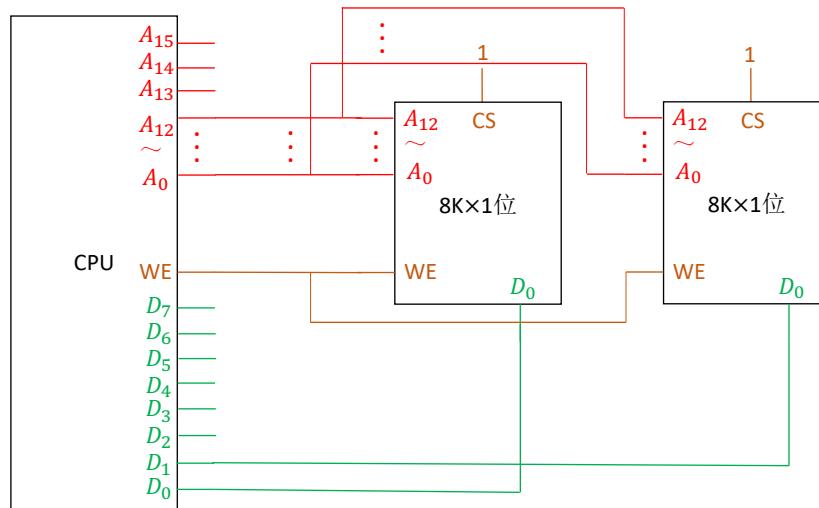
存储器芯片的输入输出信号



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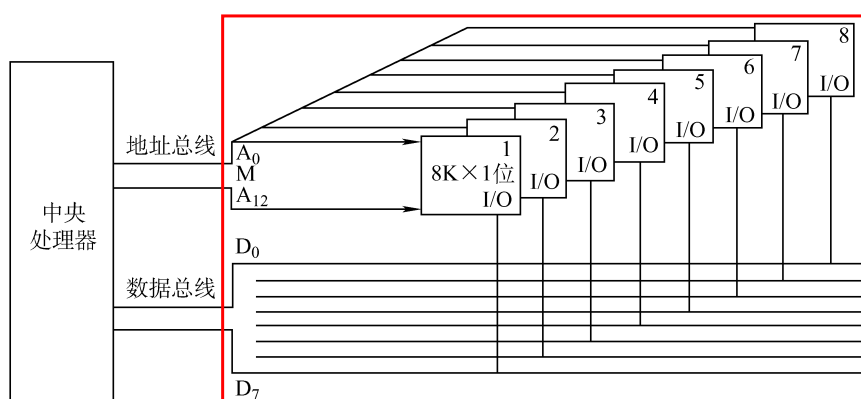
增加主存的存储字长-位扩展



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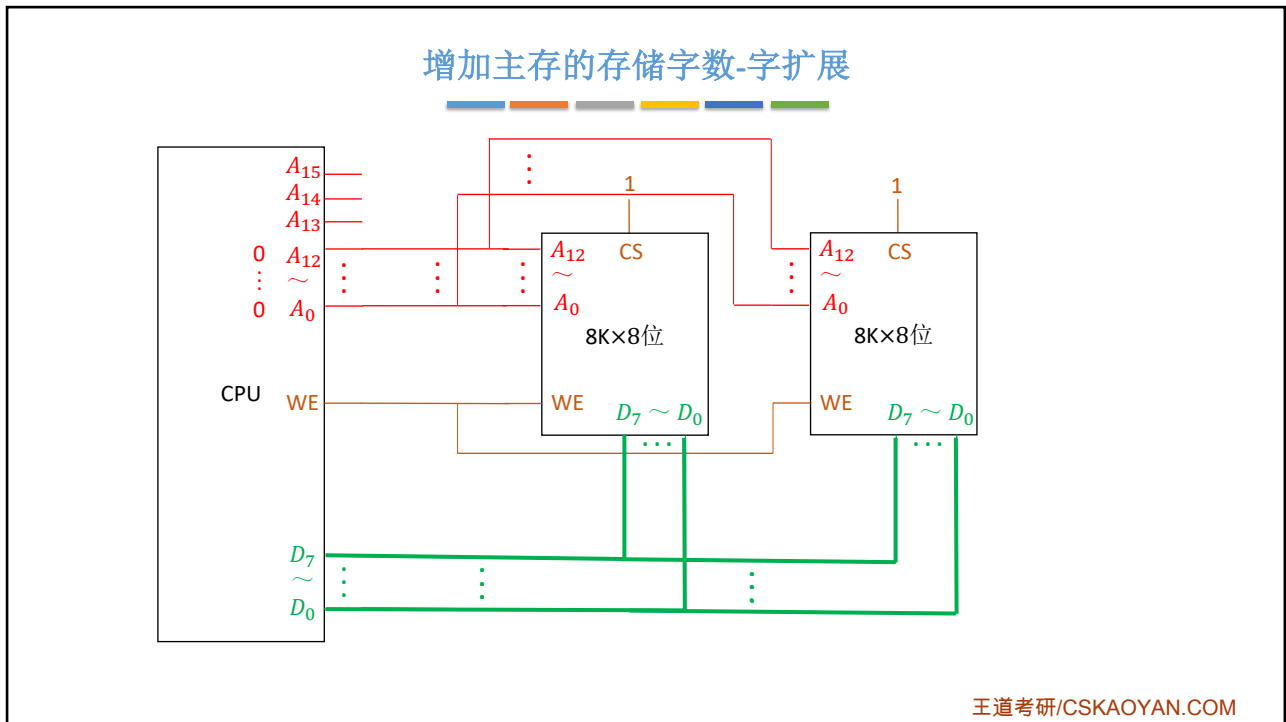
7

增加主存的存储字长-位扩展

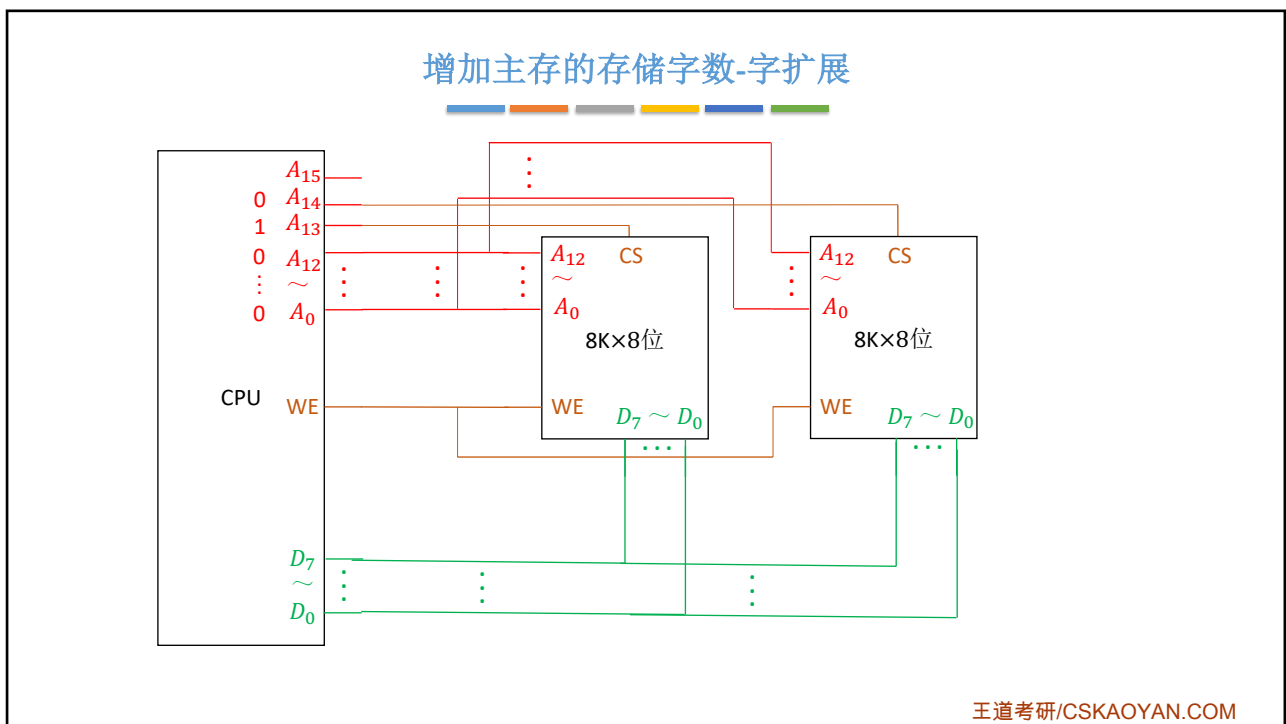
8片 $8K \times 1$ 位的存储芯片→ 1个 $8K \times 8$ 位的存储器，容量8KB

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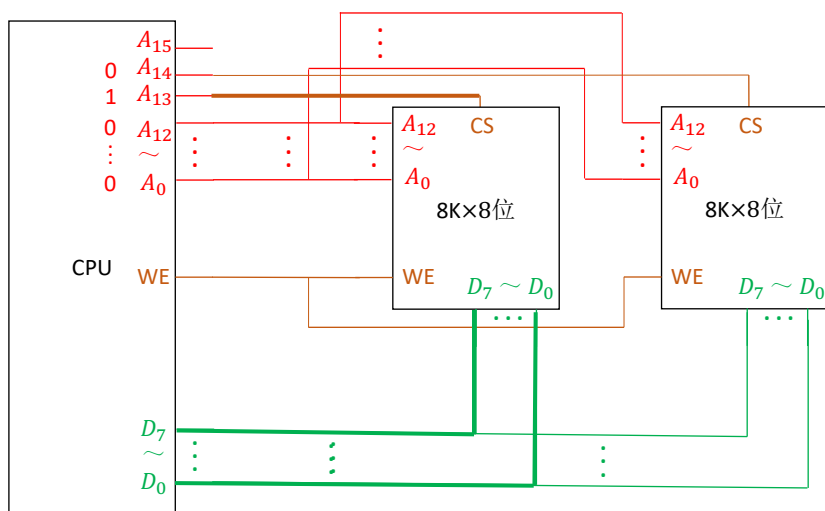


9



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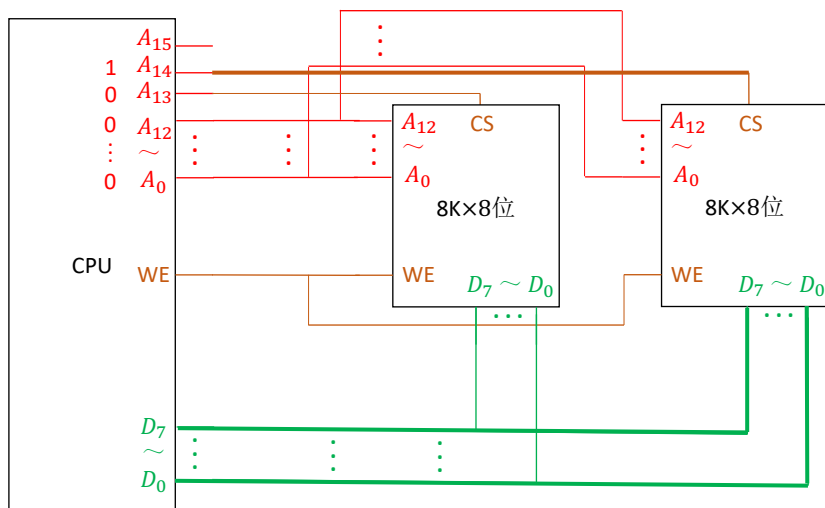
增加主存的存储字数-字扩展



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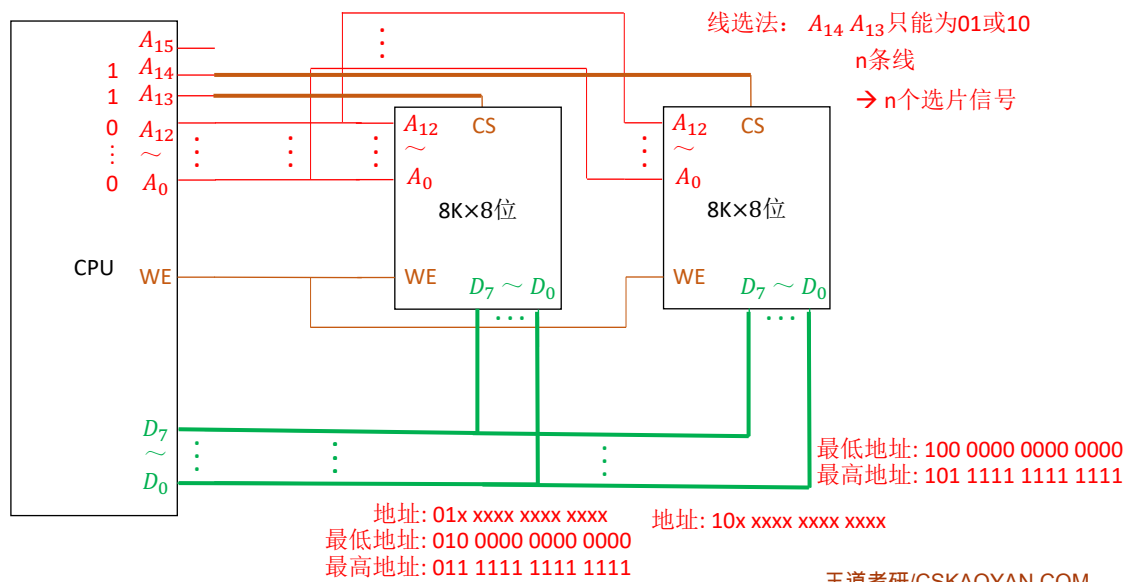
增加主存的存储字数-字扩展



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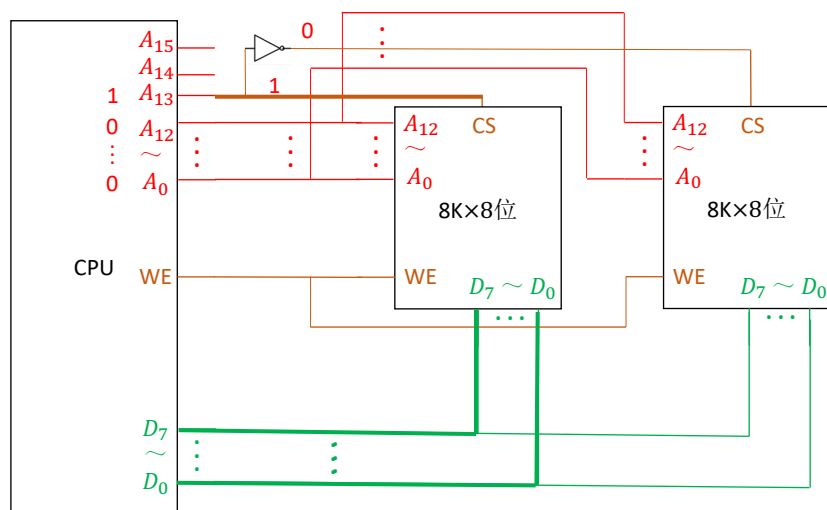
12

增加主存的存储字数-字扩展

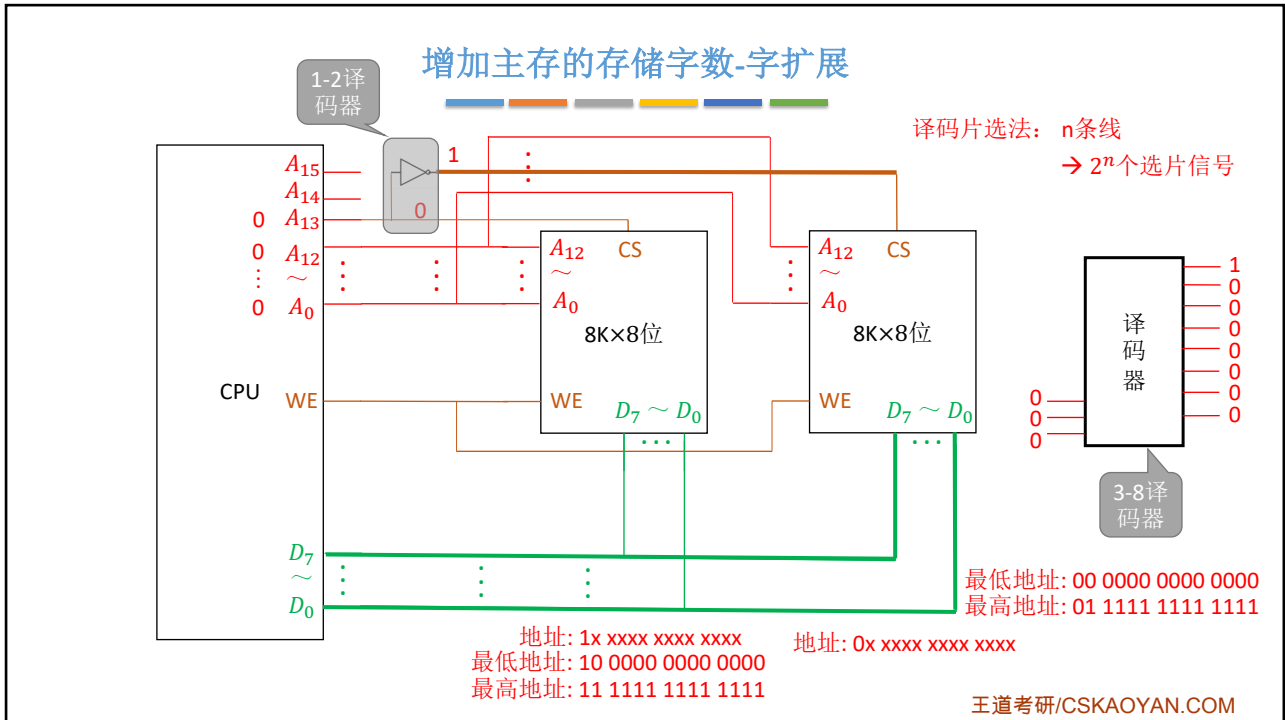


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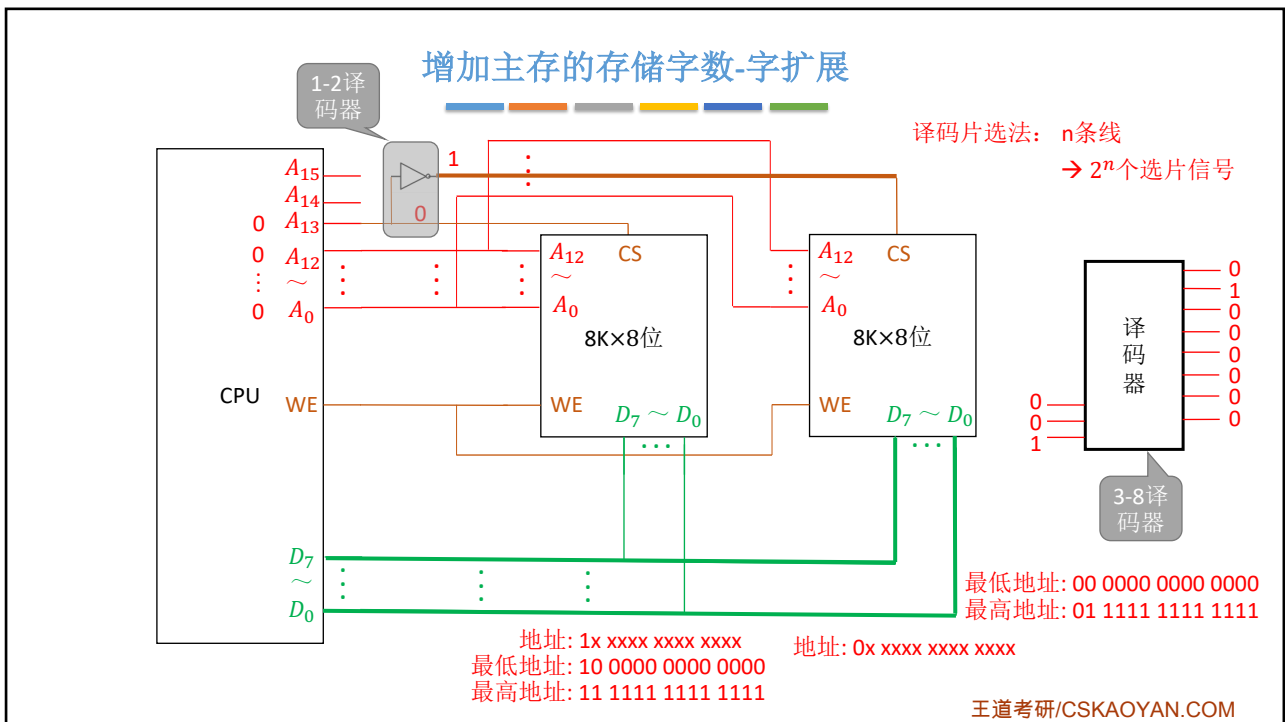
增加主存的存储字数-字扩展



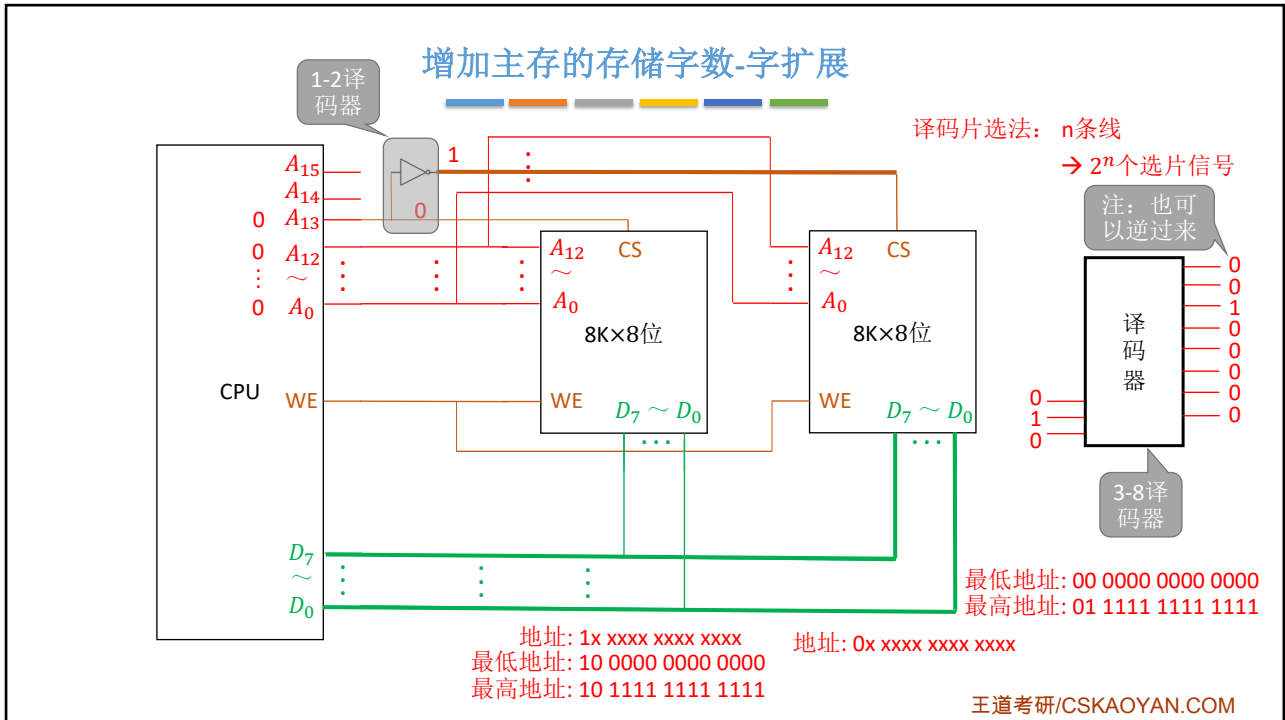
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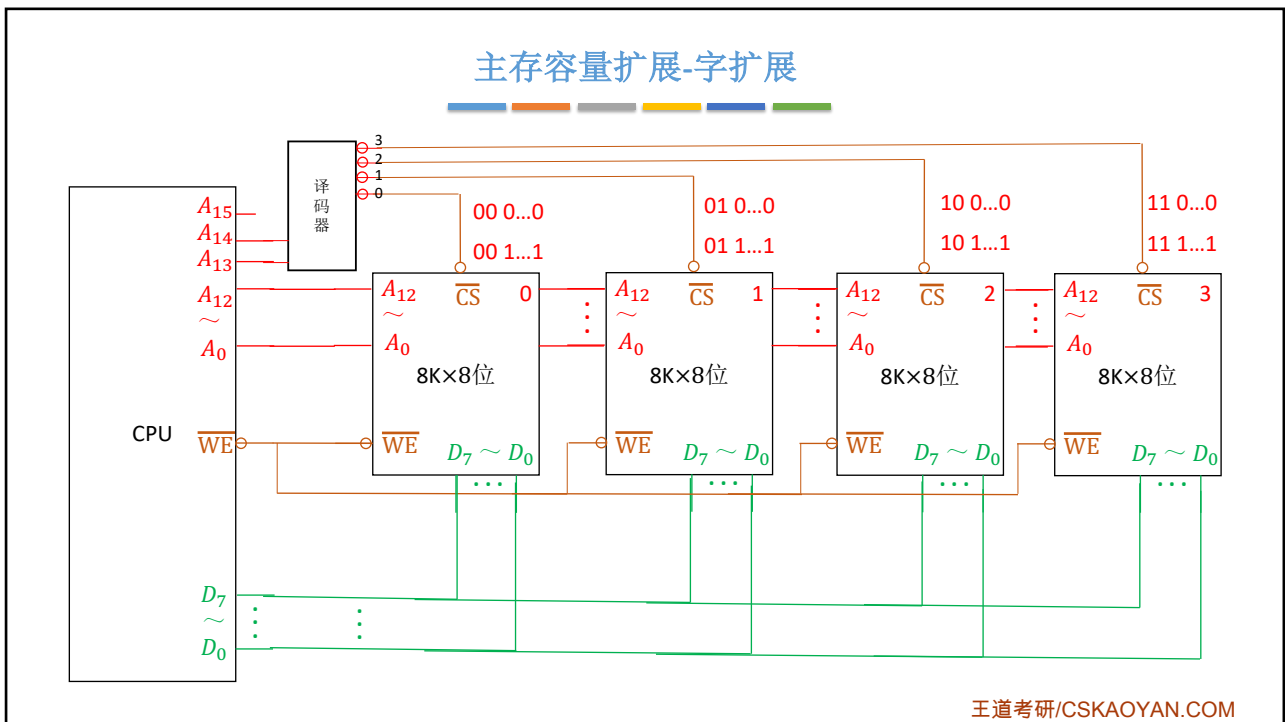
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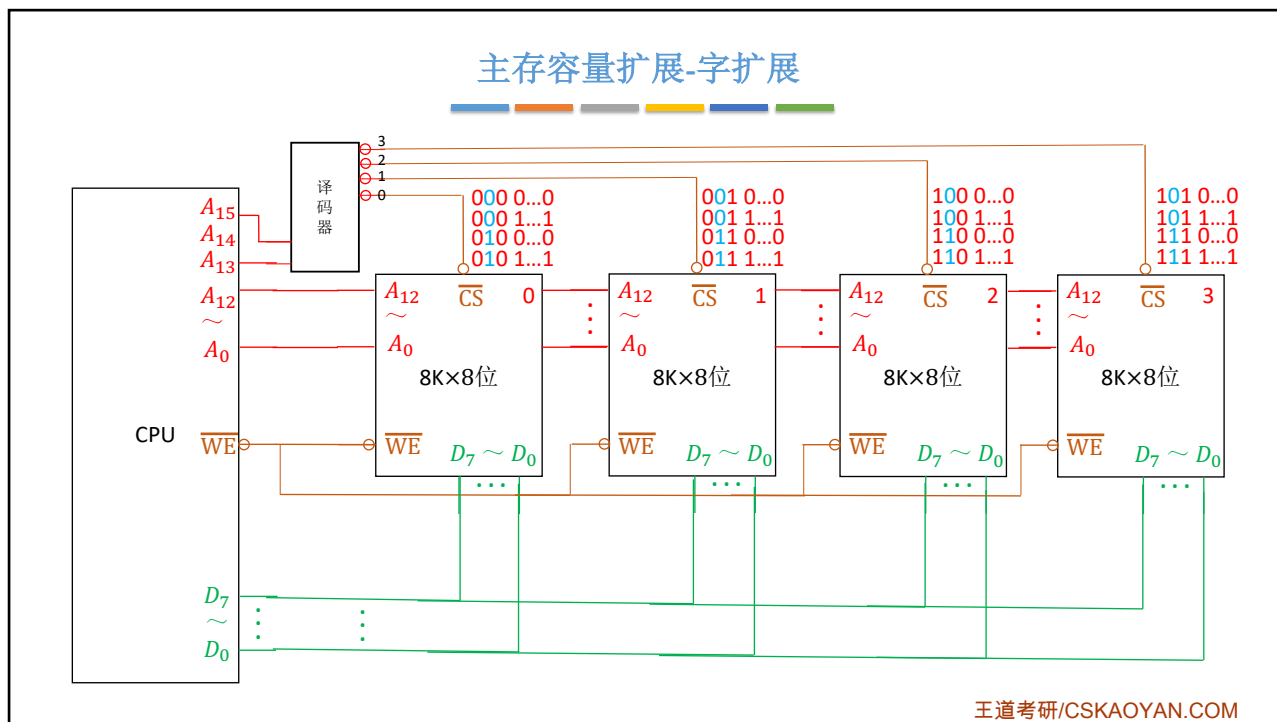
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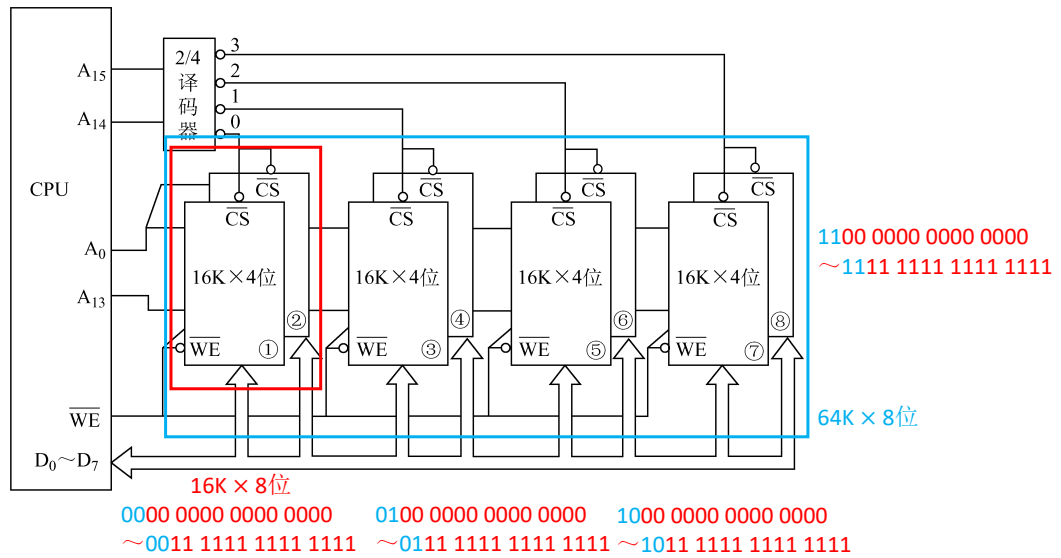


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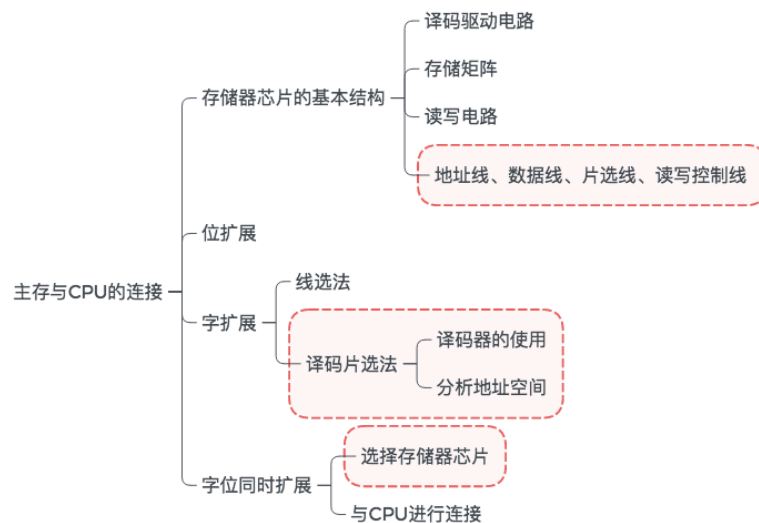
主存容量扩展-字位同时扩展



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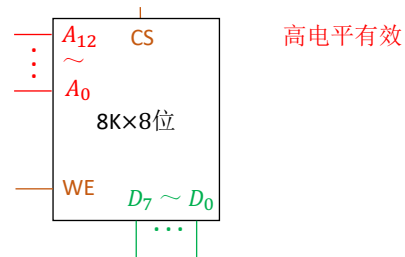
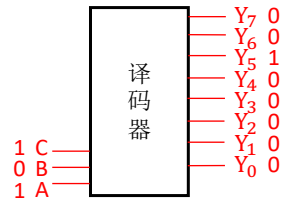
本节回顾



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补充：译码器



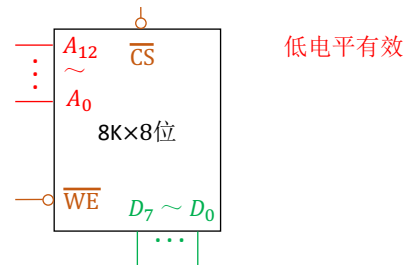
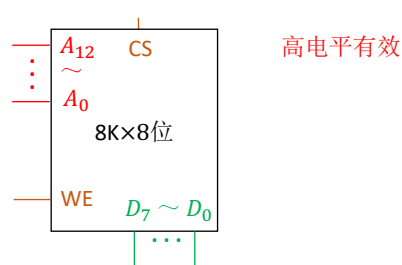
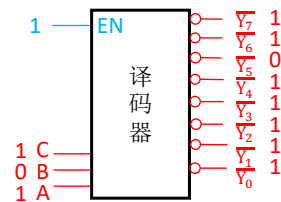
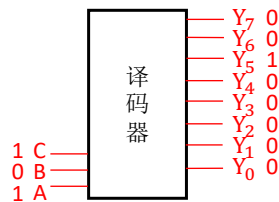
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补充：译码器

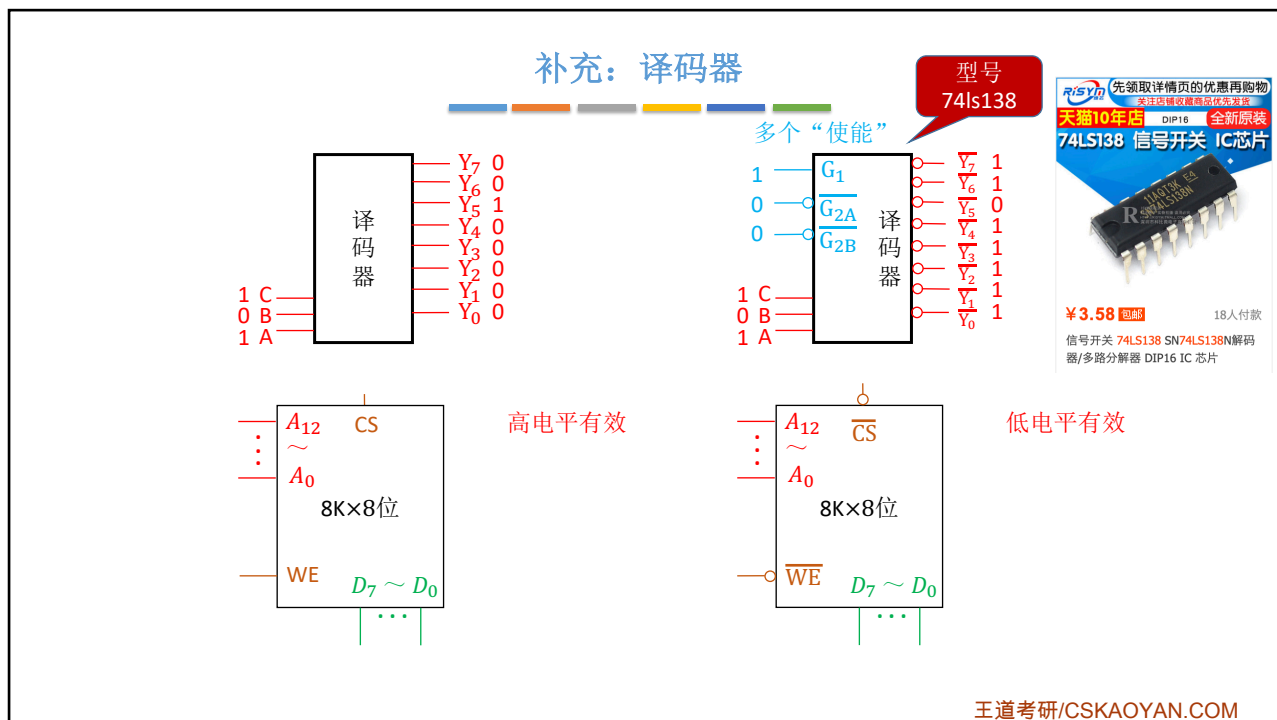


Enable, 使能, 类似于CS

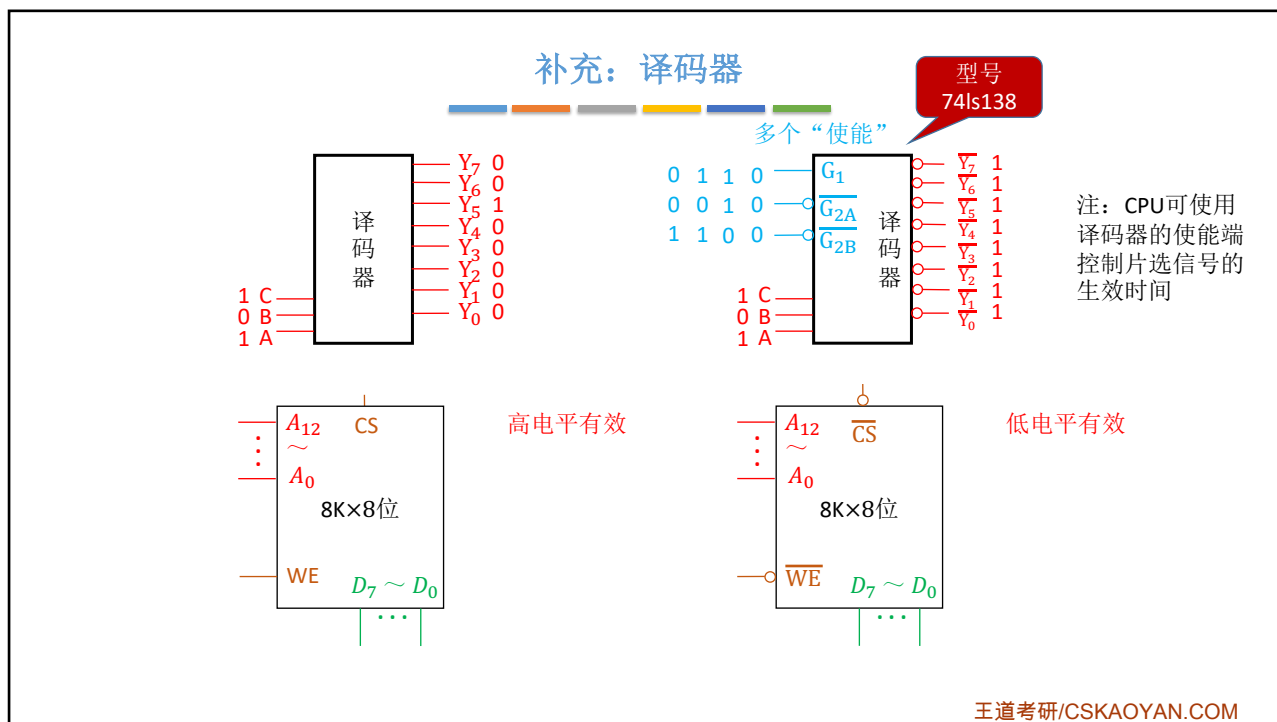


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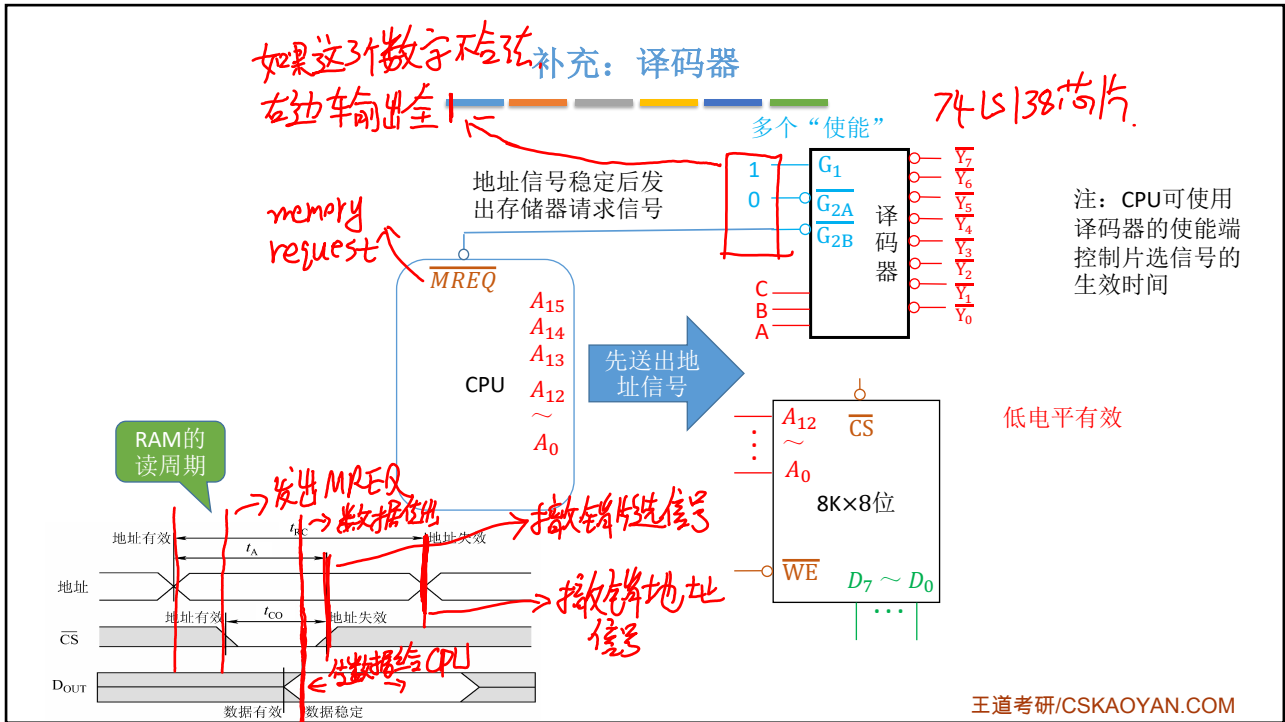
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