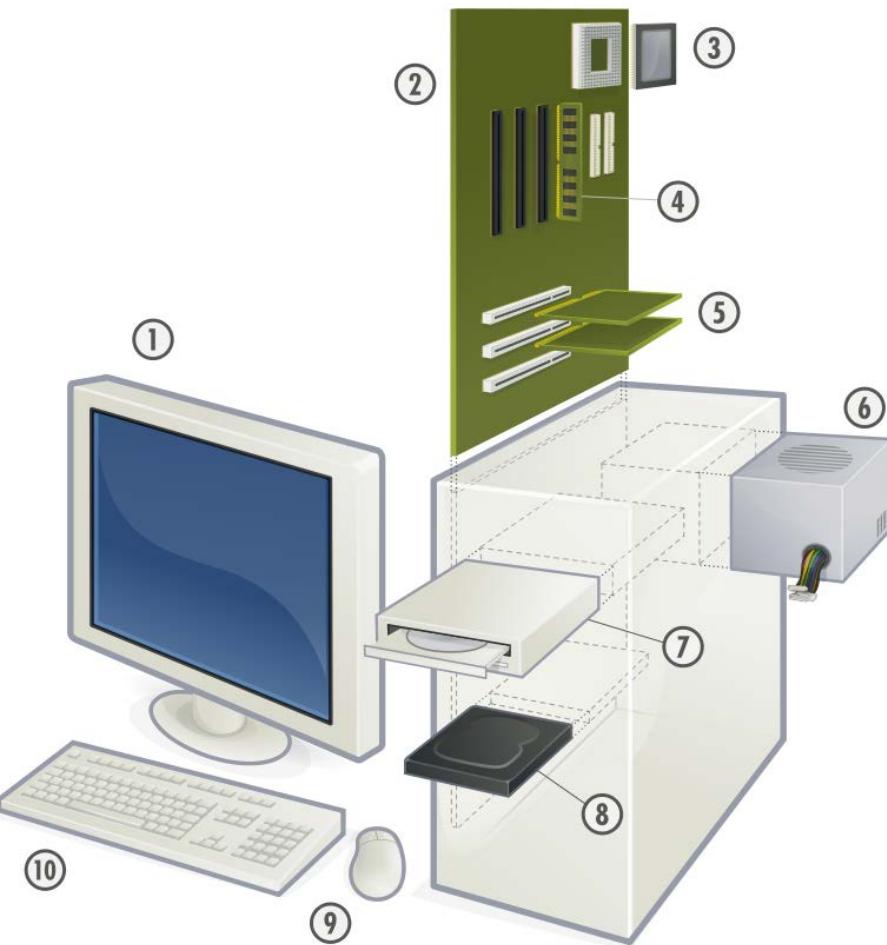


# Memórias

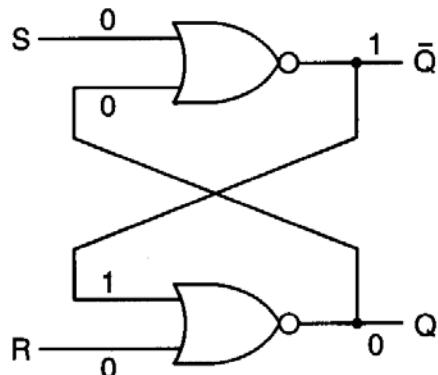
Flip-flop, buffers,  
registradores, caches,  
memória Principal, flash

# Microcomputadores

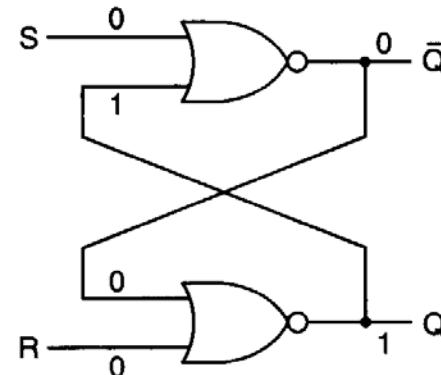


- 01- [Monitor](#)
- 02- [Placa-Mãe](#)
- 03- [Processador](#)
- 04- [Memória RAM](#)
- 05- [Placas de Rede, Som, Vídeo...](#)
- 06- [Fonte de Energia](#)
- 07- [Leitor de CDs e/ou DVDs](#)
- 08- [Disco Rígido \(HD\)](#)
- 09- [Mouse \(Rato\)](#)
- 10- [Teclado](#)

## IMPLEMENTAÇÃO DA MEMÓRIA: LATCHES



(a)

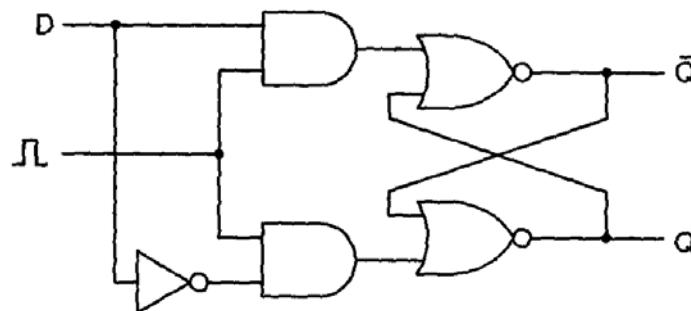


(b)

A	B	NOR
0	0	1
0	1	0
1	0	0
1	1	0

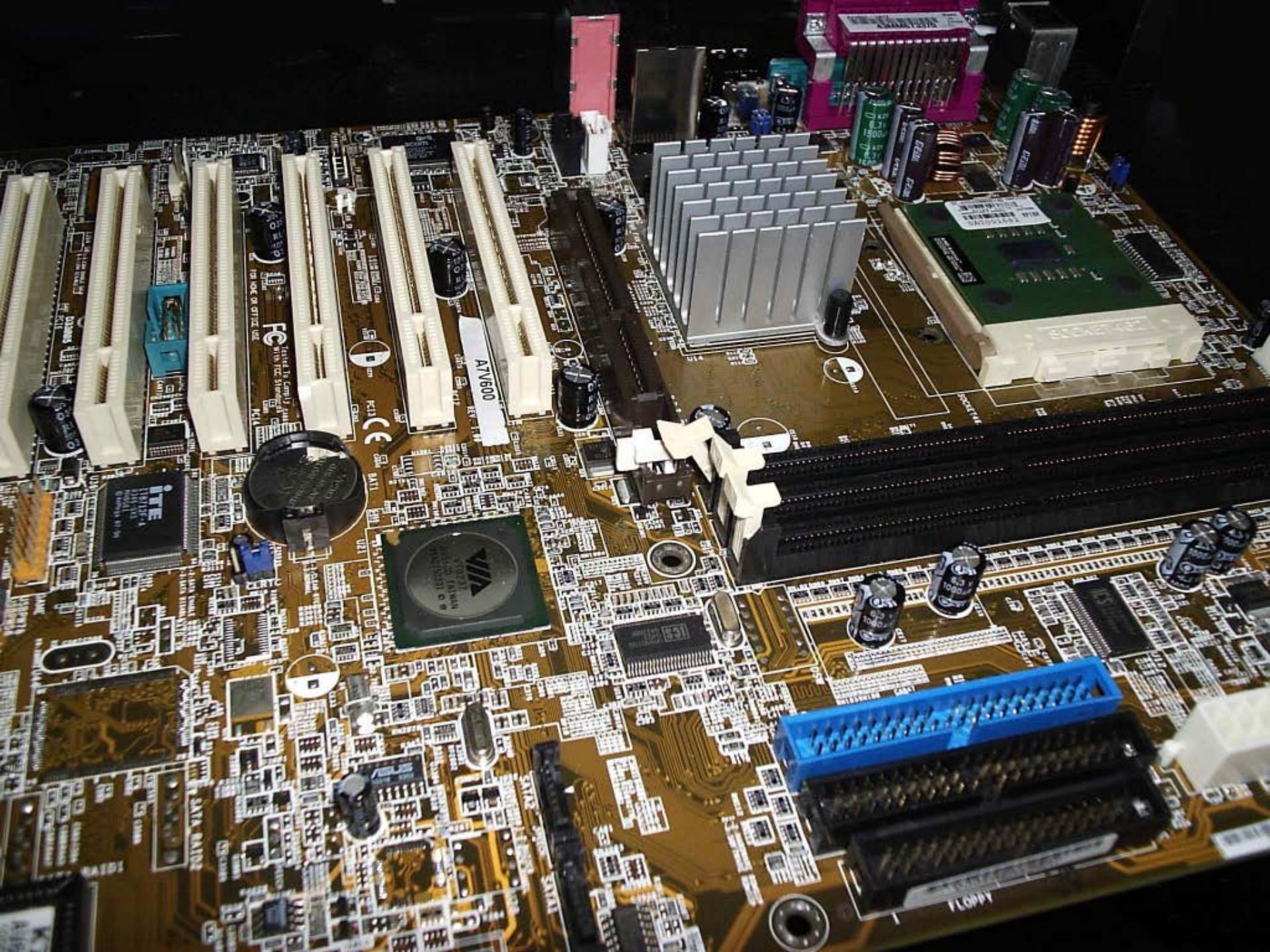
(c)

(a) NOR latch in state 0. (b) NOR latch in state 1. (c) Truth table for NOR.



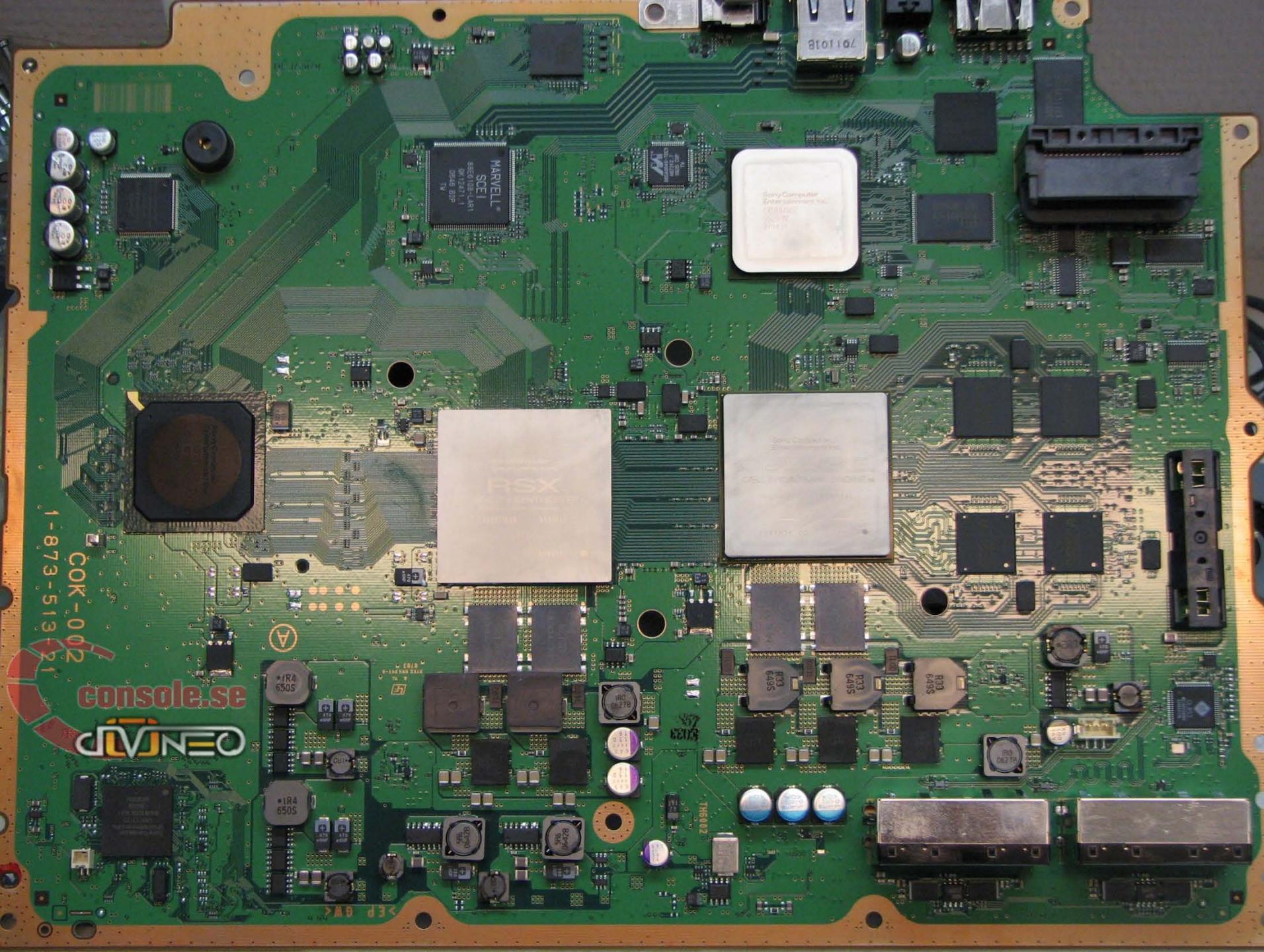
A clocked D latch.

Flip-flop, com pulso de relógio  
(clock)

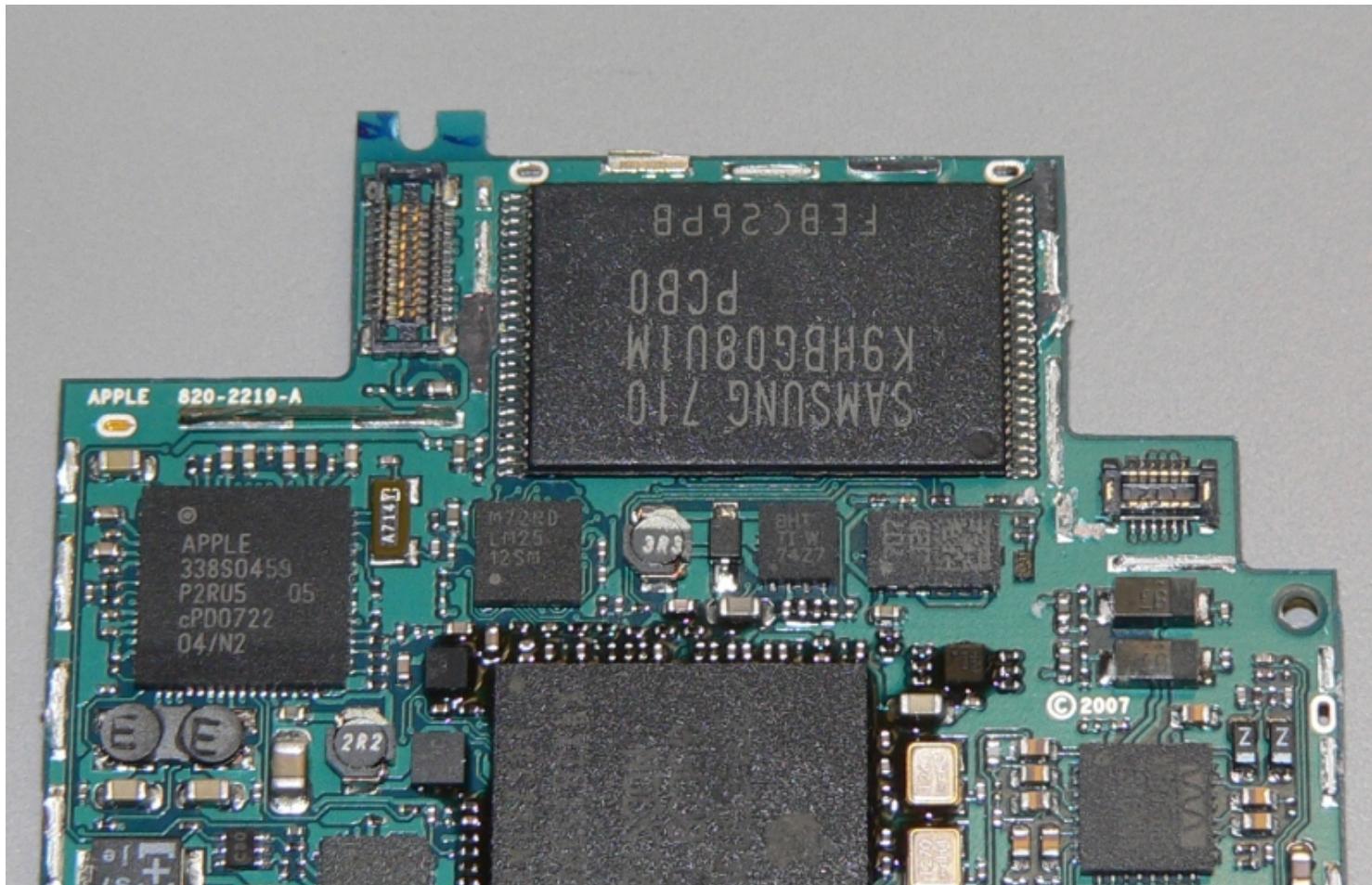


COK-002

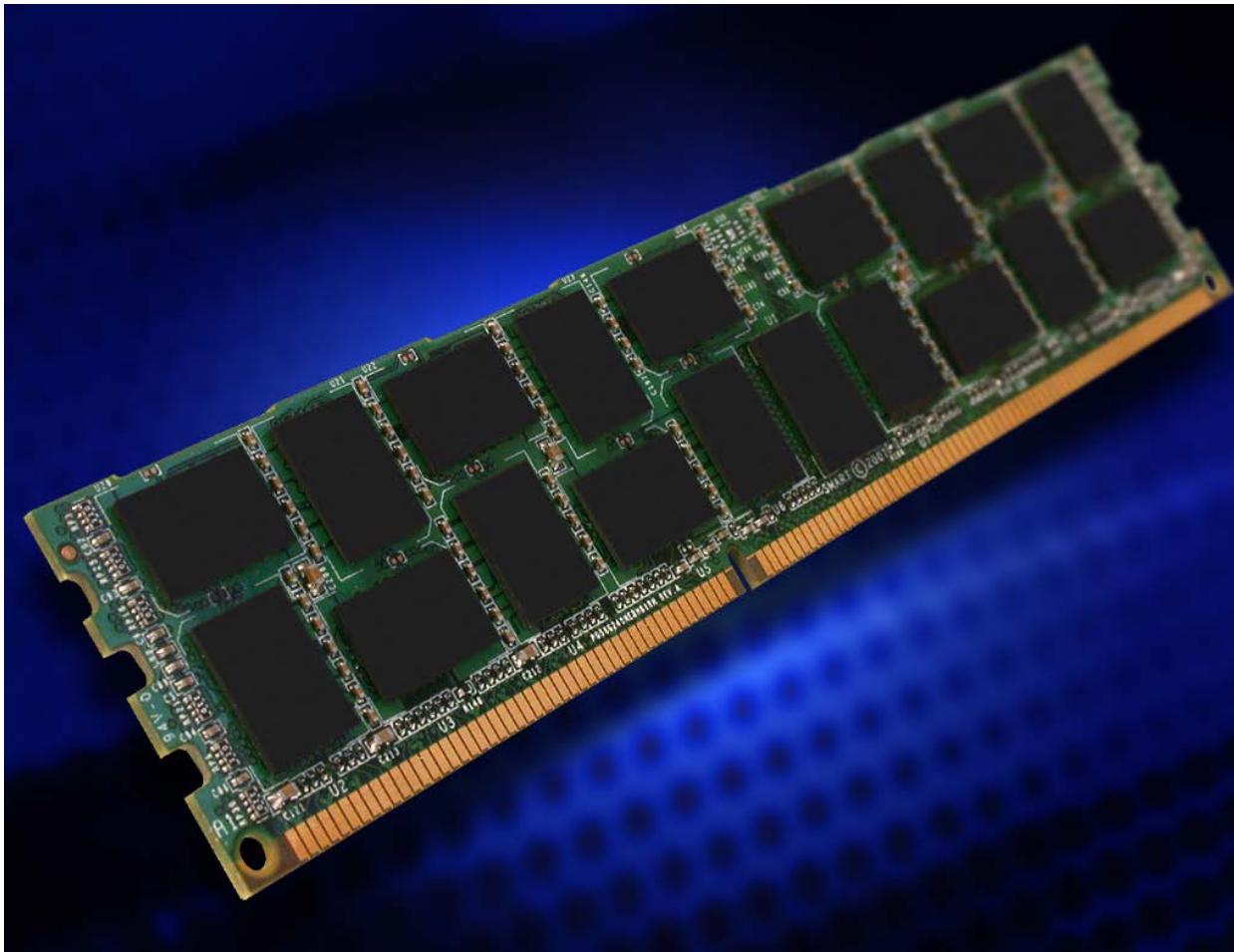
**div Neo**



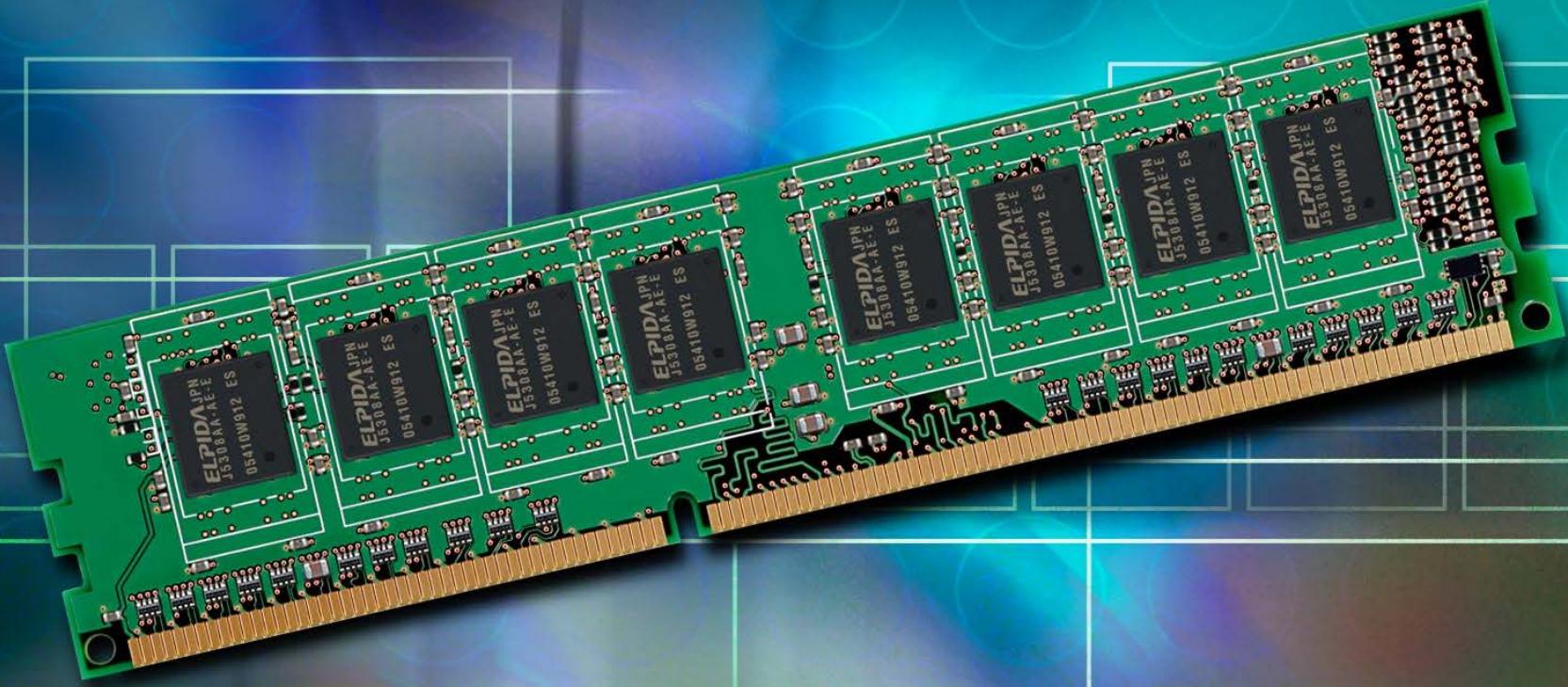
# Mobile Memory



# Double Data Rate (DDR) SDRAM

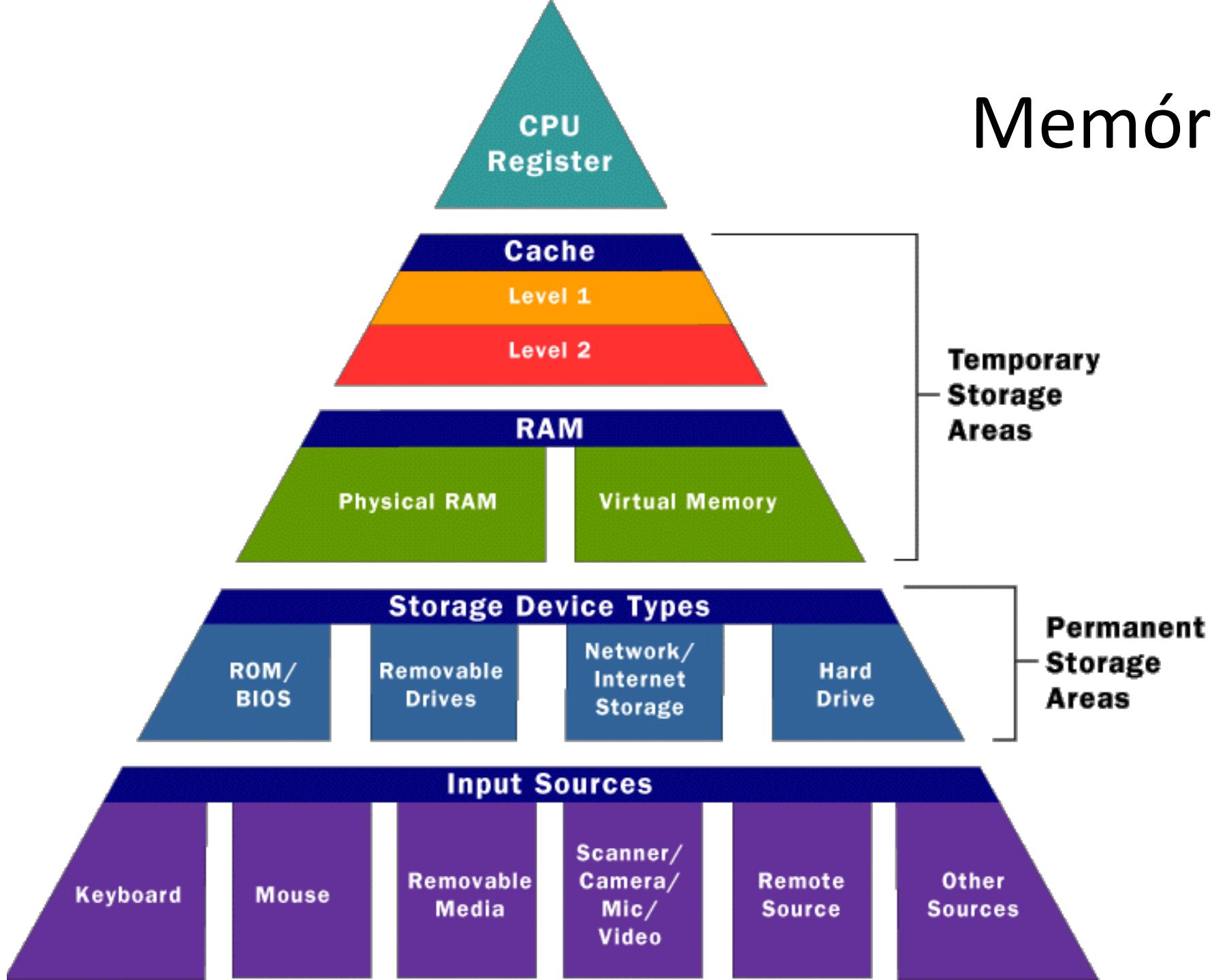


# Synchronous dynamic random access memory



**DDR4\_Whitesheet**

# Memória



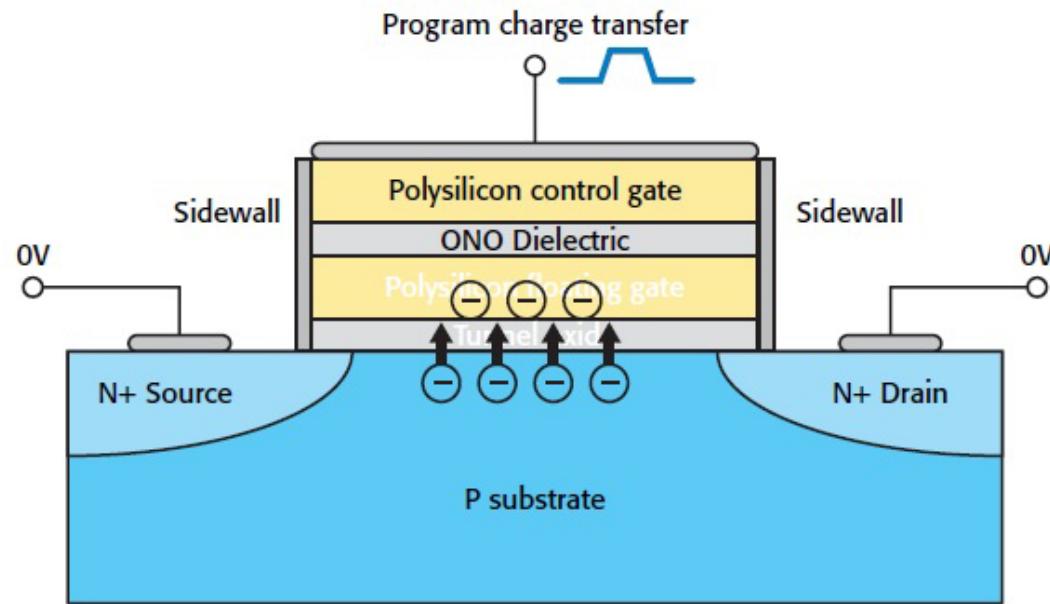
# HD



# Controle do servo e interface



# NAND Flash



# NAND Flash

