

Chip Name: RAM_n

Inputs: in[16] (word), address[k], load

Outputs: out[16] (word)

Function: $out(t) = RAM[address(t)](t)$

if load(t-1) then

$RAM[address(t-1)](t) = in(t-1)$

Chip name	n	k
RAM 8	8	3
RAM 64	64	6
RAM 512	512	9
RAM 4K	4096	12
RAM 16K	16384	14

