Chip Name: PC (counter) Inputs: in[16], inc, load, reset Outputs: out[16] Function: If reset (+-1) then out (+) =0 else if load (t-1) then aut (t) = in(t-1)else if inc(t-1) then out(t) = aut(t-1)+1else out(t) = out(t-1)"=" is 16-bit assignment "+" is 16-bit arithmetic addition Comment: yde 22 23 24 25 26 27 28 29 30 31 \$2 33 34 35 36 CALTERIAL TANGET CALLES ור ול out 18 18 0 0 1 2 3 4 71 72 73 74 74 74 74

Chip: PC

