

4 Machine Language [p57]

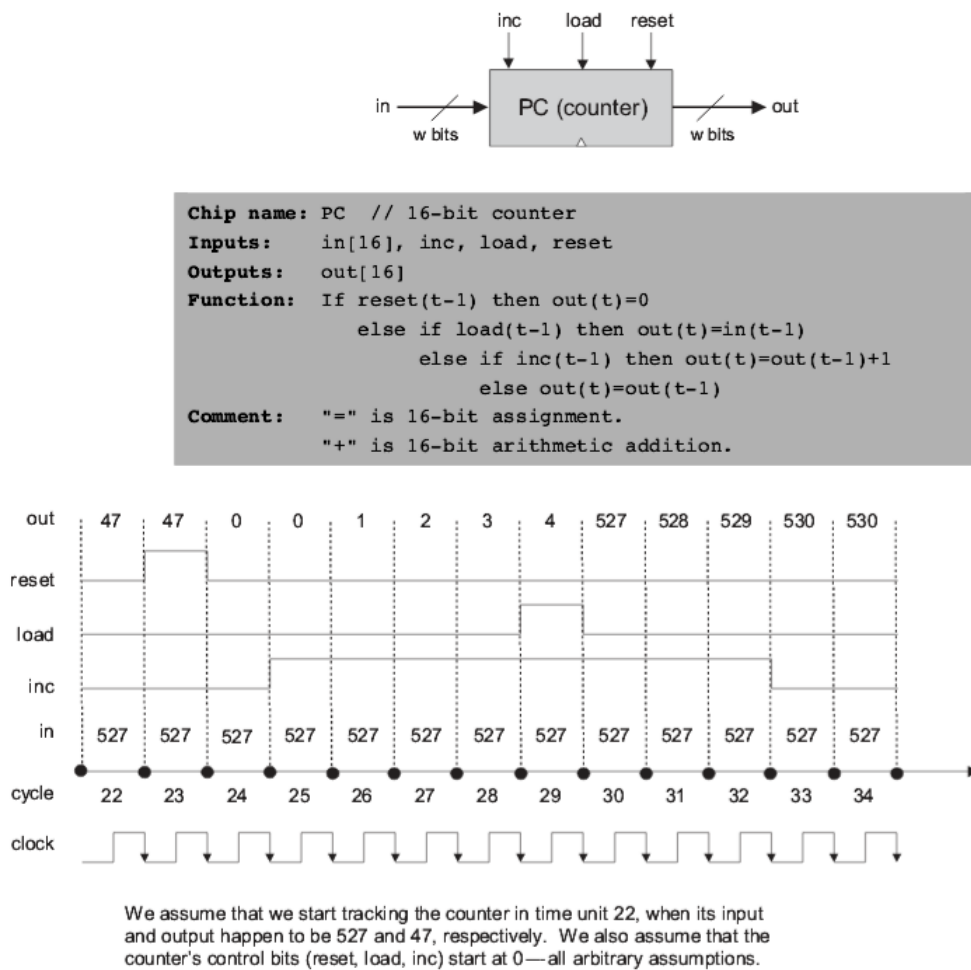


Figure 3.7: API for a counter chip; similar to register with two extra inputs:

inc = 1 \Rightarrow increment the counter's state every clock cycle, outputting the result.

reset = 1 \Rightarrow reset counter to 0.