

### Section 33.2.4.5

Delete tovl\_d\_timer (lines 52-54)

### Add Section 33.2.4.5a Counters

tovl\_d\_counter

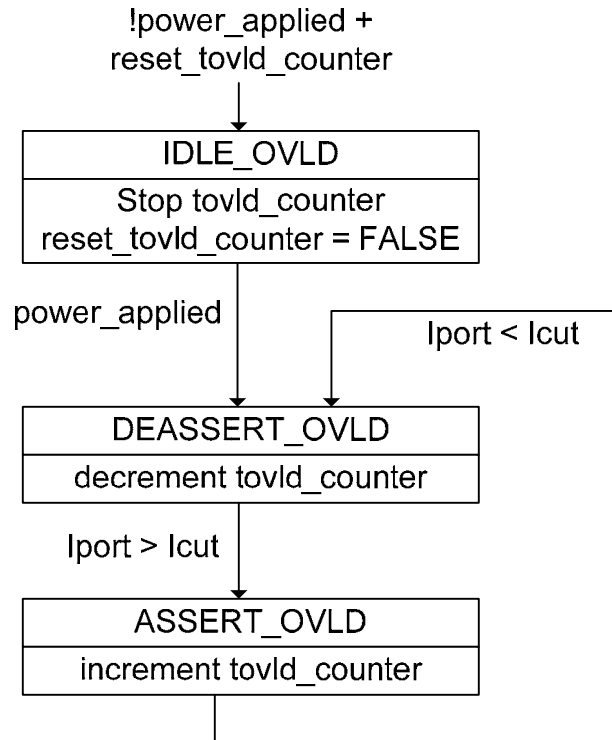
When “increment tovl\_d\_counter” is asserted, the counter increments by 20 counts every ms. When “decrement tovl\_d\_counter” is asserted the timer decrements by 1 count every ms. When “decrement tovl\_d\_counter” is asserted and the value of the counter equals 0, the counter stops counting. The counter is reset to 0 and counting stops when “stop tovl\_d\_counter” is asserted. “tovl\_d\_counter\_done” is asserted when the value of counter equals  $20 \times T_{ovld}$  (see Table 33-11) and remains asserted until the counter is reset. At all other times, “tovl\_d\_counter\_not\_done” is asserted.

This counter can be reset by asserting the variable:

reset\_tovl\_d\_counter

TRUE: Reset the tovl\_d\_counter

FALSE: Resume normal operation of tovl\_d\_counter



Change tovl\_d\_timer to tovl\_d\_counter throughout the document.