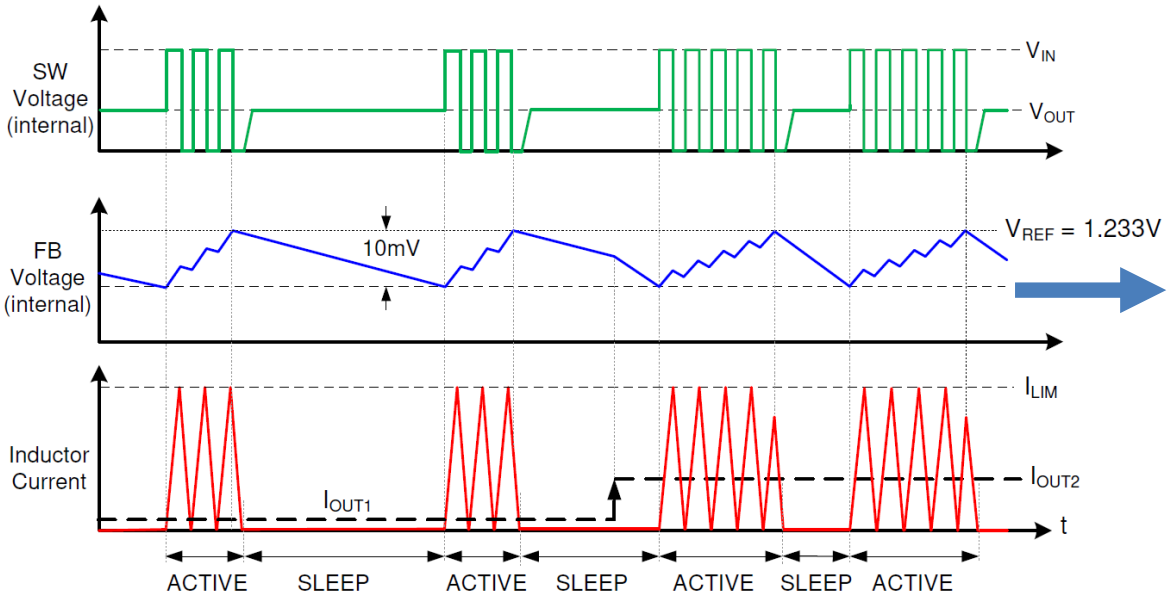
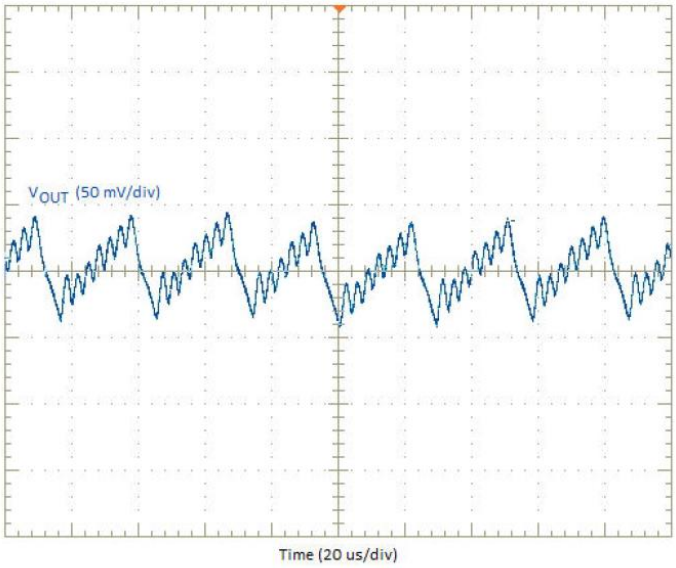


Figure 7-4. PFM Mode SW Node Voltage, Feedback Voltage, and Inductor Current Waveforms



V_{IN} = 24 V V_{OUT} = 5 V C_{OUT} = 10 µF
R_{LOAD} = 50 Ω

Figure 8-3. Output Voltage Ripple

V_{FB}=1.23V, Output voltage=5V
The ratio of the output voltage and FB = 5/1.23=4.07
FB Hysteresis = 10mV
Output ripple = 4.07 x 10 =40.7mV

But, the output ripple is about 80mV when I refer to Figure 8-3 Output Voltage Ripple.

Please teach me the FB input and the relations of the output ripple of this device.