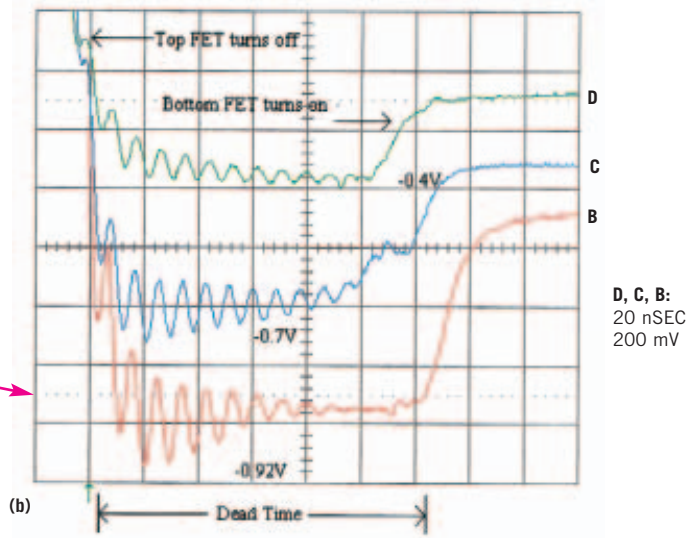


(a)



(b)

Figure 2

Expanding the dead-time waveforms (a) leads to three scenarios (b): the unadorned buck regulator (Trace B), adding a Schottky diode (Trace C), and the simple solution in Figure 3 (Trace D).