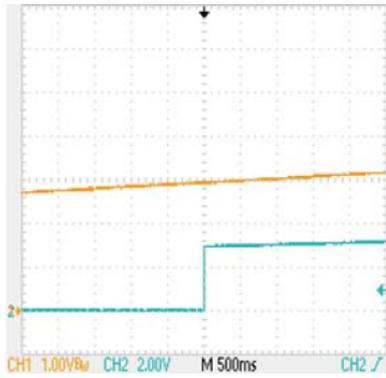
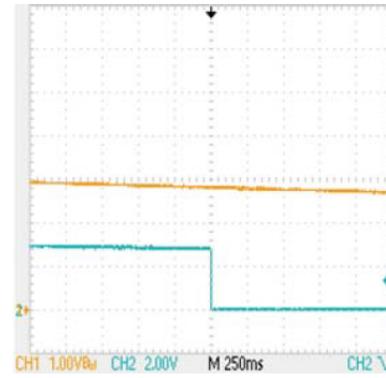


Application Performance Plots



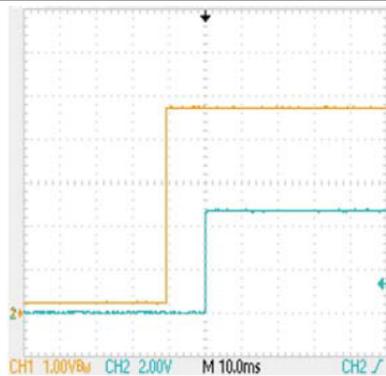
Orange Line (Channel 1) = Power Up Ramp on BAT Pin
 Turquoise Line (Channel 2) = DOUT Gate Drive Output
 DOUT goes from low to high when UVP Recovery = UVP Set Threshold + 100 mV

Figure 27. UVP Recovery



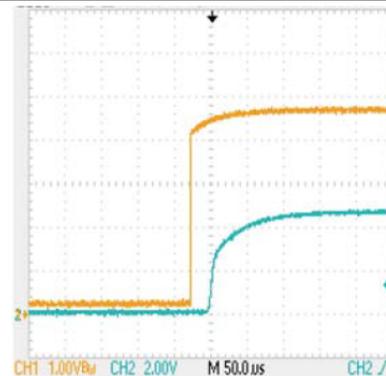
Orange Line (Channel 1) = Power Down Ramp on BAT Pin
 Turquoise Line (Channel 2) = DOUT Gate Drive Output
 DOUT goes from high to low when UVP threshold = UVP set Threshold + set delay time

Figure 28. UVP Set Condition



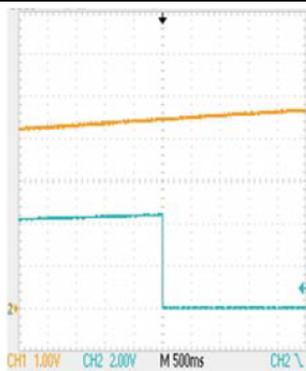
Orange Line (Channel 1) = Power Up Ramp on BAT pin
 Turquoise Line (Channel 2) = DOUT Gate Drive Output

Figure 29. Initial Power Up, DOUT



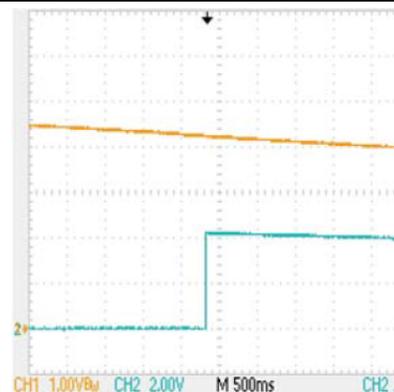
Orange Line (Channel 1) = Power Up Ramp on BAT Pin
 Turquoise Line (Channel 2) = COUT Gate Drive Output

Figure 30. Initial Power Up, COUT



Orange Line (Channel 1) = Power Up Ramp on BAT Pin
 Turquoise Line (Channel 2) = COUT Gate Drive Output
 COUT goes from high to low when OVP threshold = OVP set Threshold + set delay time

Figure 31. OVP Set Condition



Orange Line (Channel 1) = Decrease Voltage on BAT Pin
 Turquoise Line (Channel 2) = COUT Gate Drive Output
 COUT goes from low to high when OVP Recovery = OVP Set Threshold - 100 mV

Figure 32. OVP Recovery Condition

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