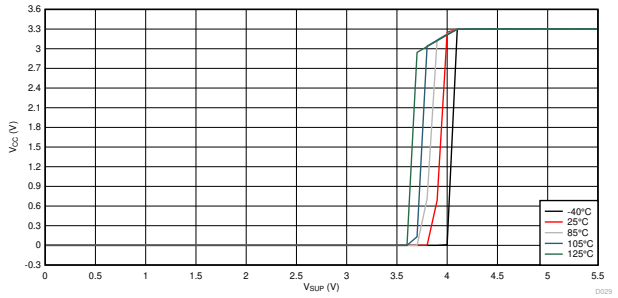
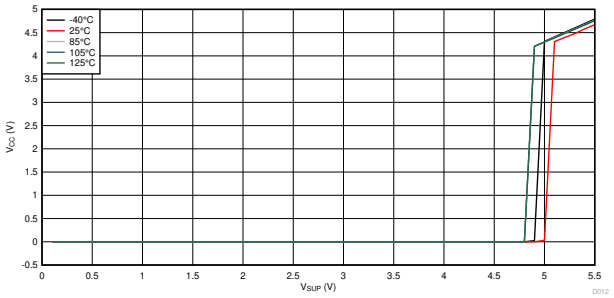
9.2.3 Application Curves

The characteristic curves show the LDO performance between 0 V and 5.5 V when ramping up and ramping down.



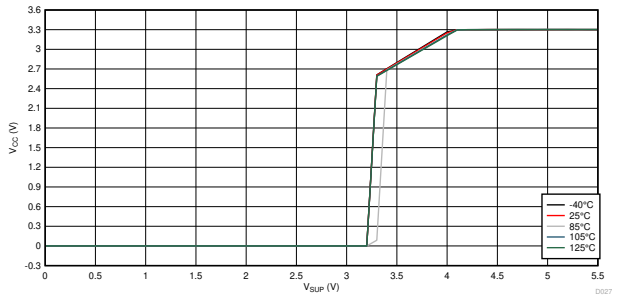
V_{CC} = 3.3 V I_{CC} Load = 125 mA Ramp Up

Figure 9-5. V_{CC} vs V_{SUP} Across Temperature



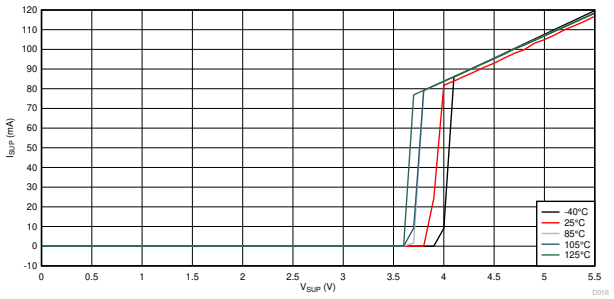
V_{CC} = 5 V I_{CC} Load = 125 mA Ramp Down

Figure 9-6. V_{CC} vs V_{SUP} Across Temperature



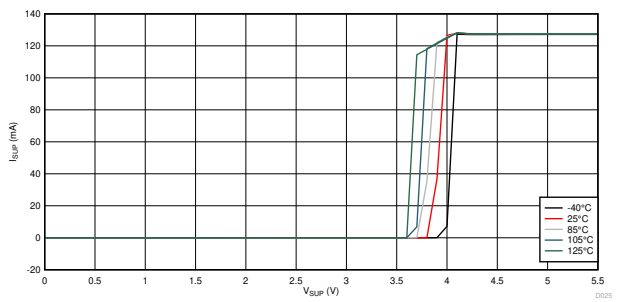
V_{CC} = 3.3 V I_{CC} Load = 125 mA Ramp Down

Figure 9-7. V_{CC} vs V_{SUP} Across Temperature



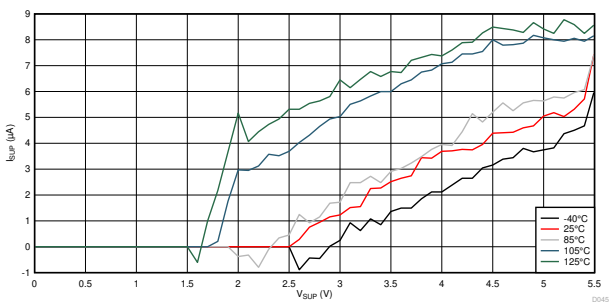
V_{CC} = 5 V I_{CC} Load = 125 mA Ramp Up

Figure 9-8. I_{SUP} vs V_{SUP} Across Temperature



V_{CC} = 3.3 V I_{CC} Load = 125 mA Ramp Up

Figure 9-9. I_{SUP} vs V_{SUP} Across Temperature



V_{CC} = 5 V Sleep Mode Ramp Down

Figure 9-10. I_{SUP} vs V_{SUP} Across Temperature