



Figure 9-11. LIN Bus Performance



Figure 9-12. Recessive to Dominant Propagation Delay



Figure 9-13. Dominant to Recessive Propagation Delay

9.3 Power Supply Recommendations

The TLIN1431x-Q1 was designed to operate directly off a car battery, or any other DC supply ranging from 5.5 V to 28 V. A 100 nF decoupling capacitor should be placed as close to the V_{SUP} pin of the device as possible.