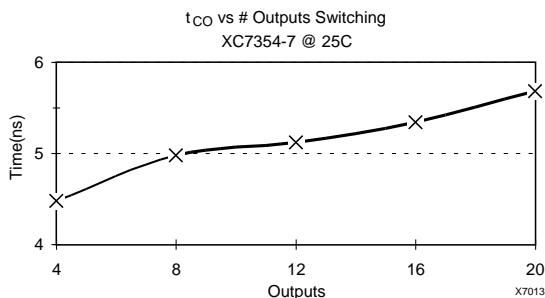
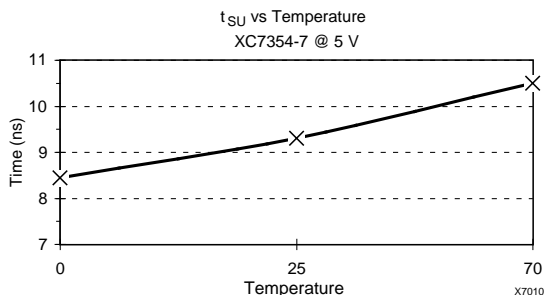
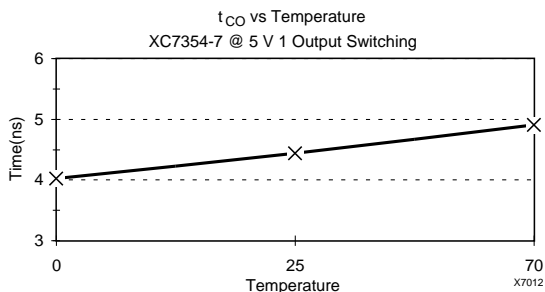
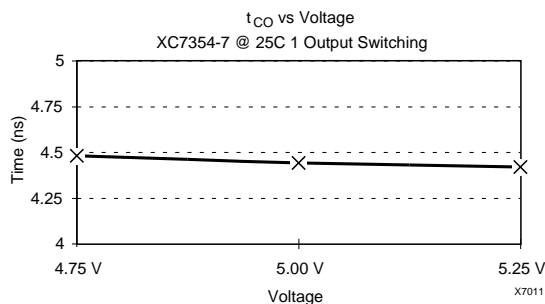
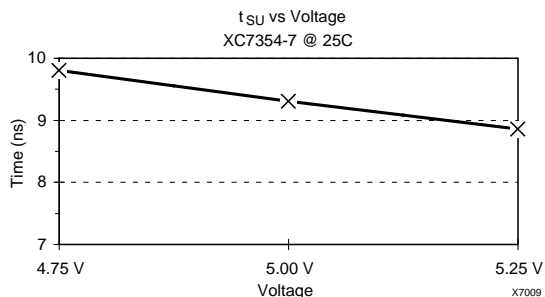


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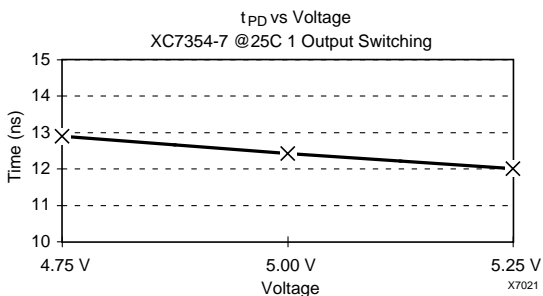
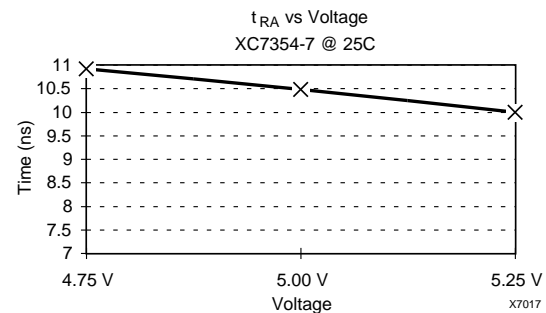
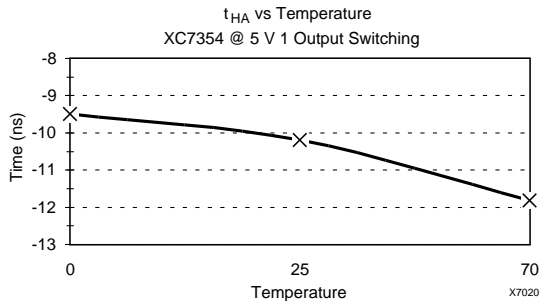
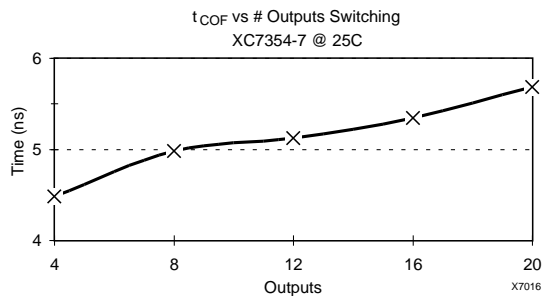
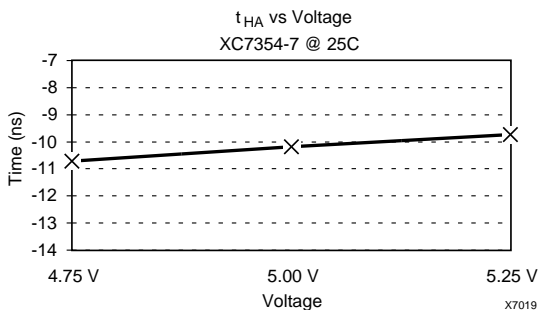
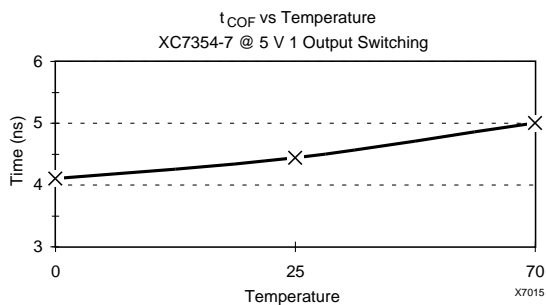
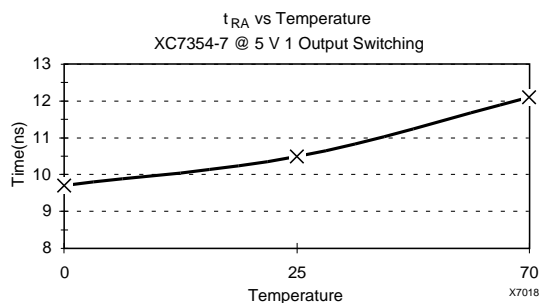
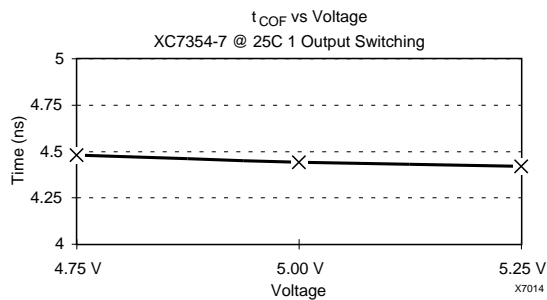
The following section includes typical characterization data for the XC7354, XC7372 and XC73108. Frequently consulted timing parameters were characterized under variations in temperature, voltage and number of simultaneously switching outputs. As demonstrated by the graphical data presented, all products are well within published data sheet limits for commercial temperature and voltage ranges.

Though this set of characterization data does not include explicit information on the XC7318, XC7336 and XC73144, all XC7300 products are designed using the same circuit configurations, design rules and process technology. Therefore, the XC7318, XC7336 and XC73144 timing parameters are also safely guardbanded with respect to their published data sheet limits.

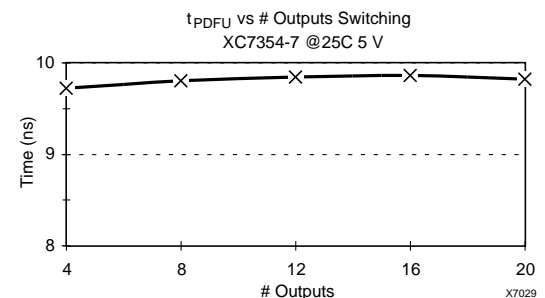
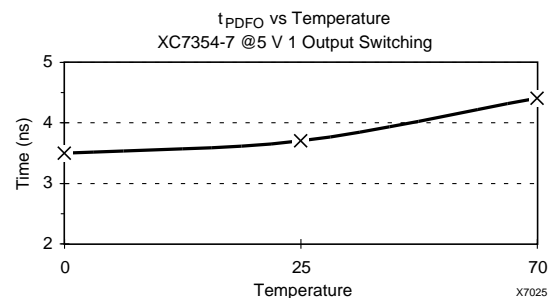
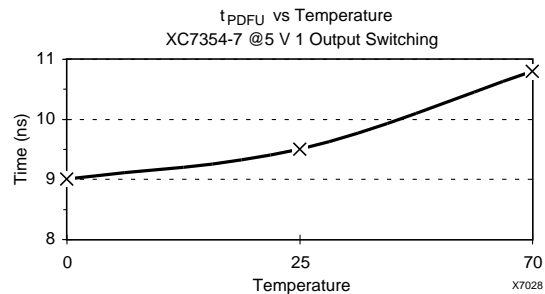
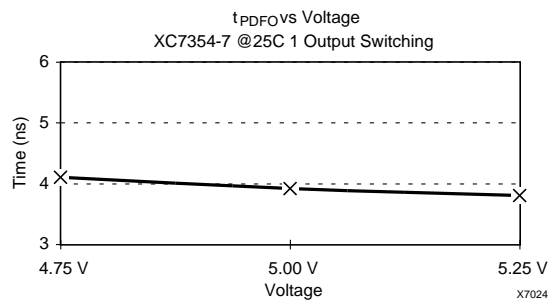
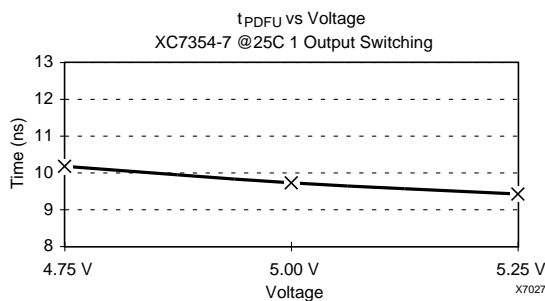
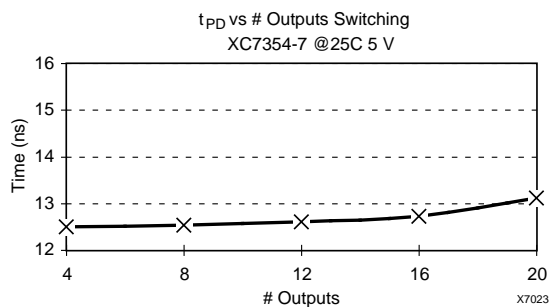
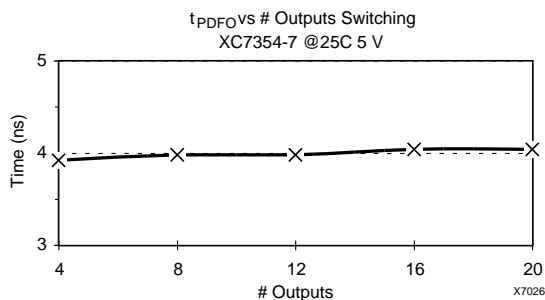
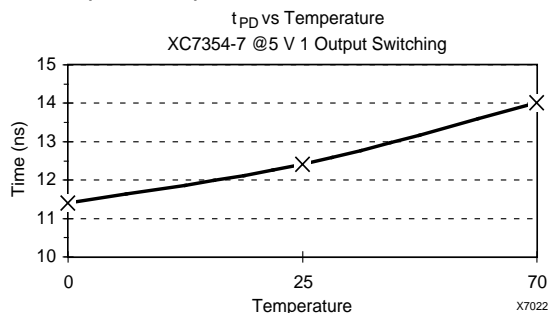
XC7354



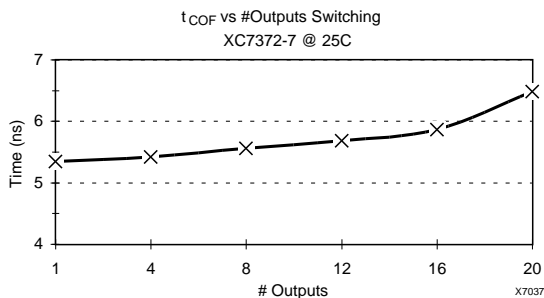
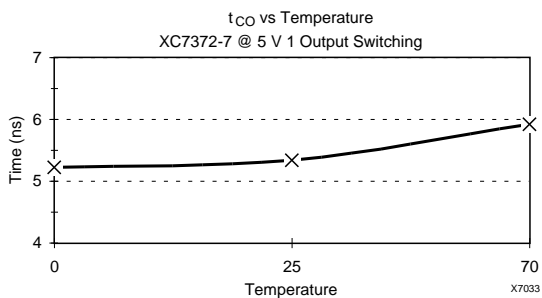
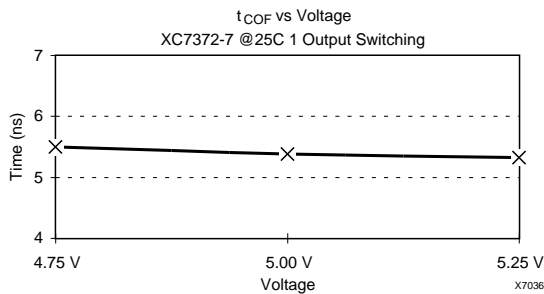
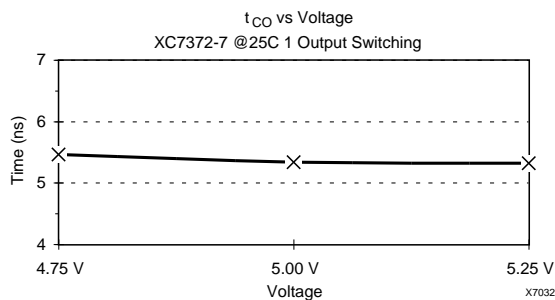
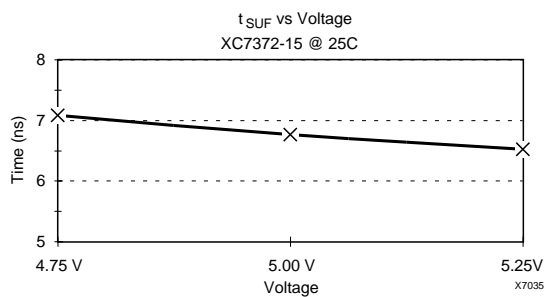
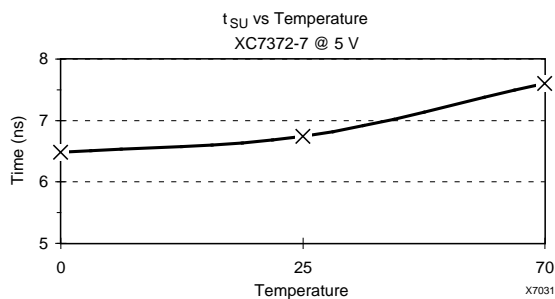
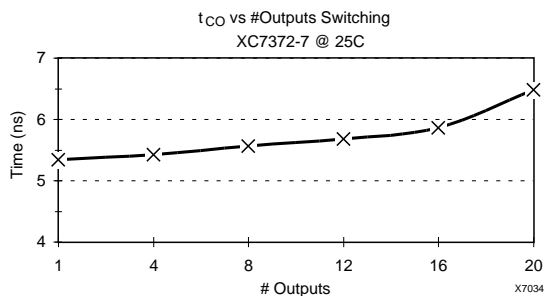
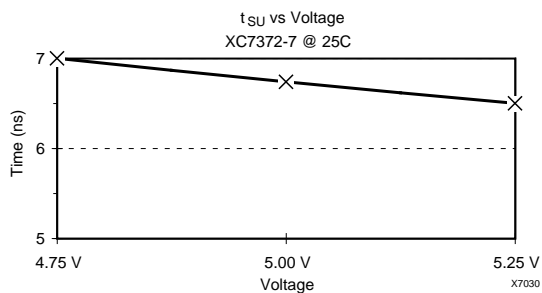
XC7354 (continued)



XC7354 (continued)

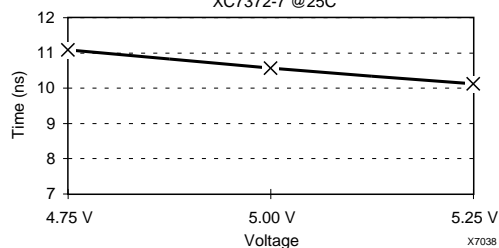


XC7372

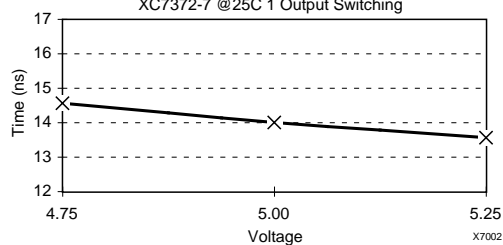


XC7372 (continued)

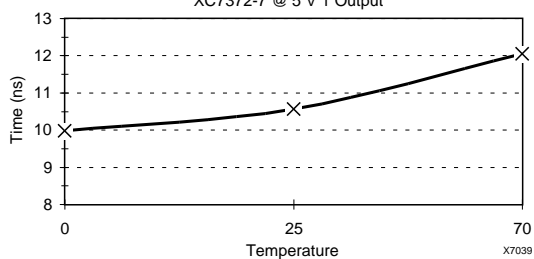
t_{RA} vs Voltage
XC7372-7 @25C



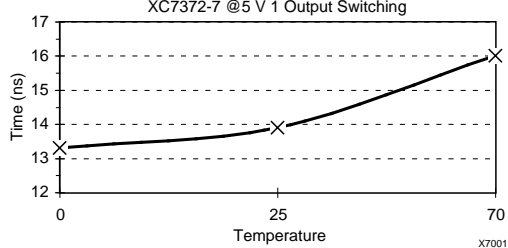
t_{PD} vs Voltage
XC7372-7 @25C 1 Output Switching



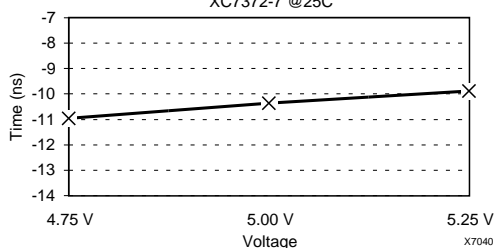
t_{RA} vs Temperature
XC7372-7 @ 5 V 1 Output



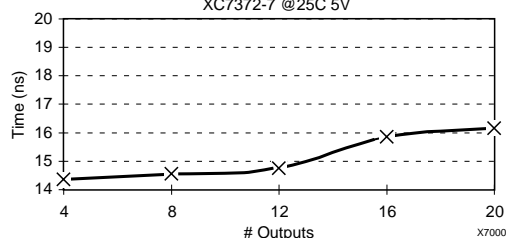
t_{PD} vs Temperature
XC7372-7 @5 V 1 Output Switching



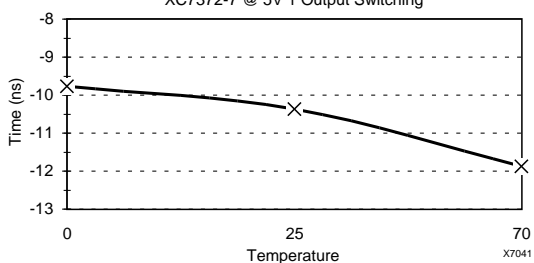
t_{HA} vs Voltage
XC7372-7 @25C



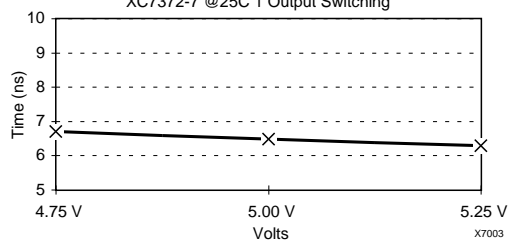
t_{PD} vs # Outputs
XC7372-7 @25C 5V



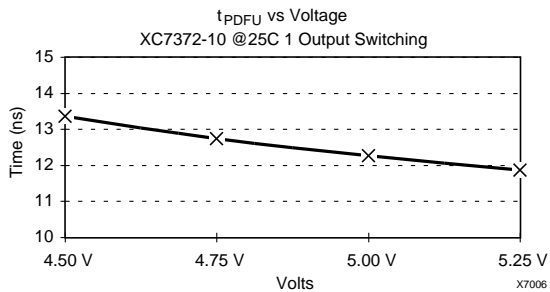
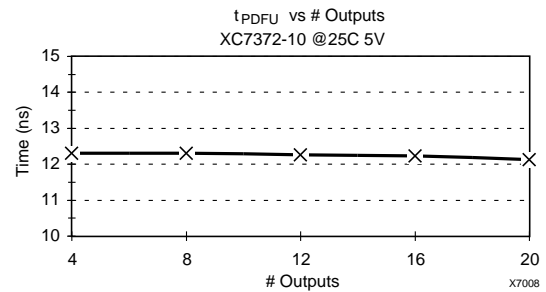
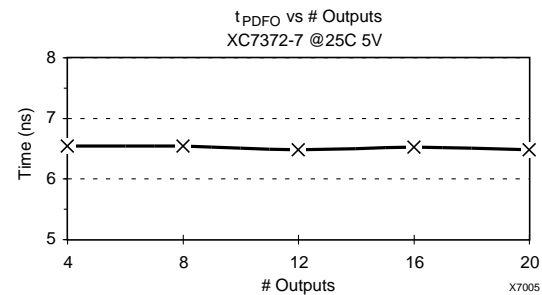
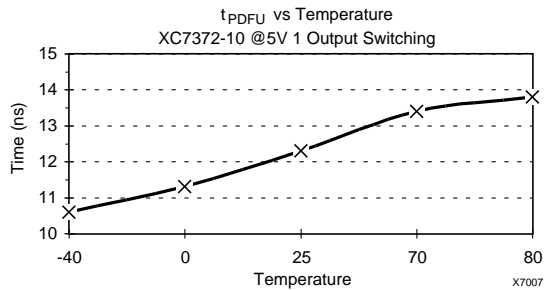
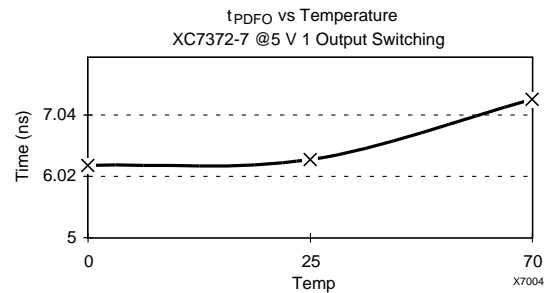
t_{HA} vs Temperature
XC7372-7 @ 5V 1 Output Switching



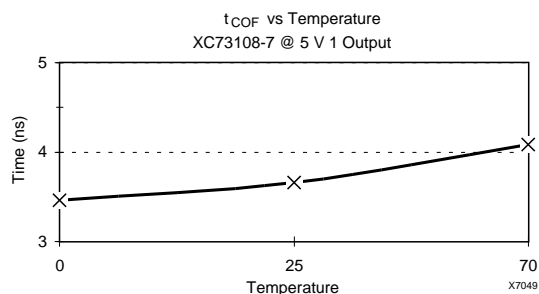
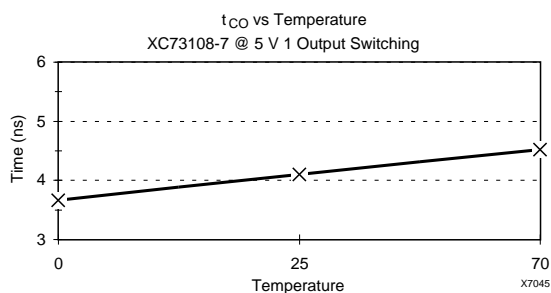
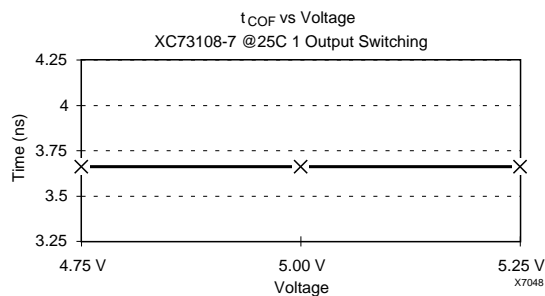
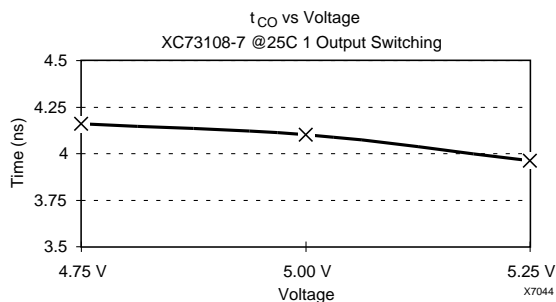
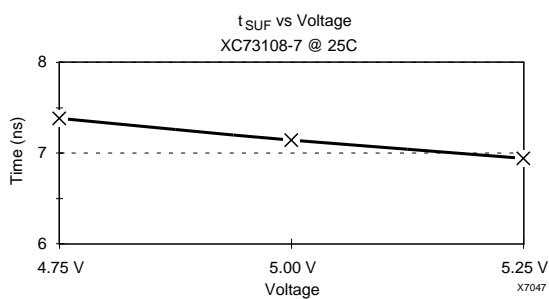
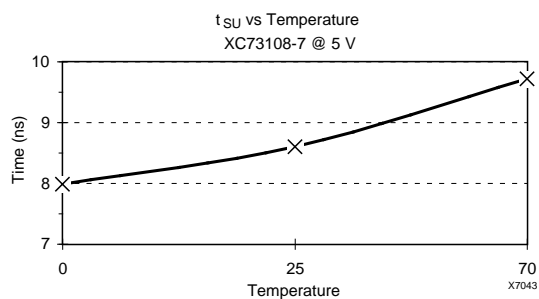
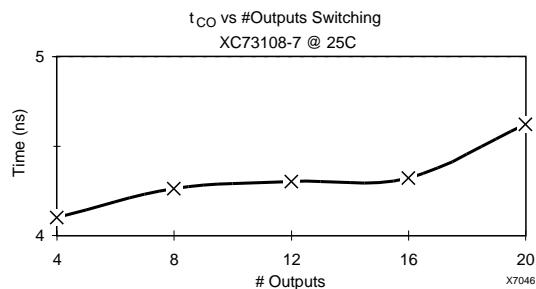
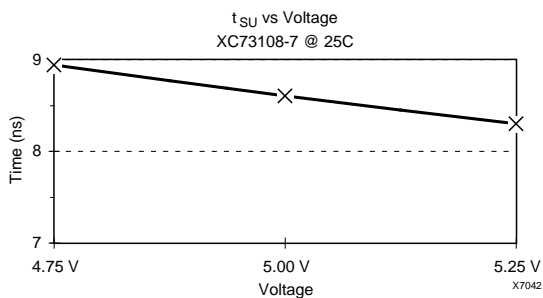
t_{PDO} vs Voltage
XC7372-7 @25C 1 Output Switching



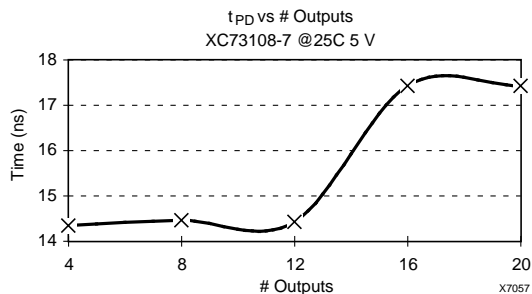
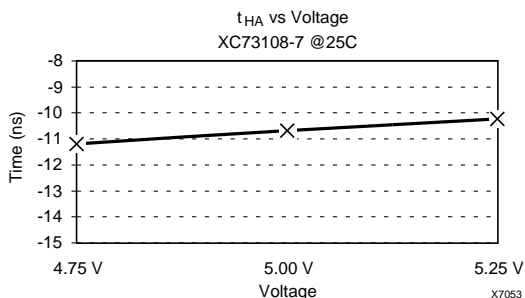
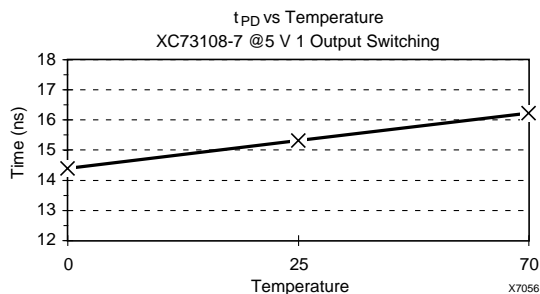
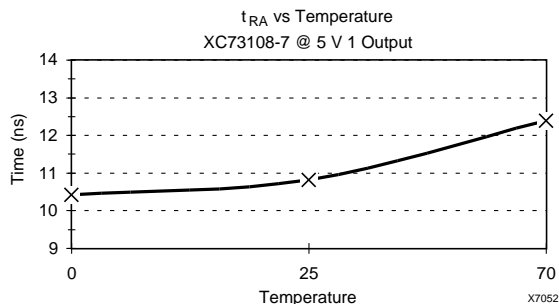
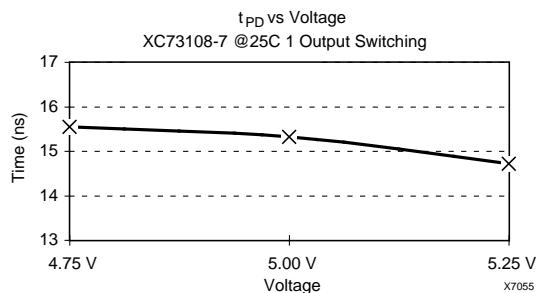
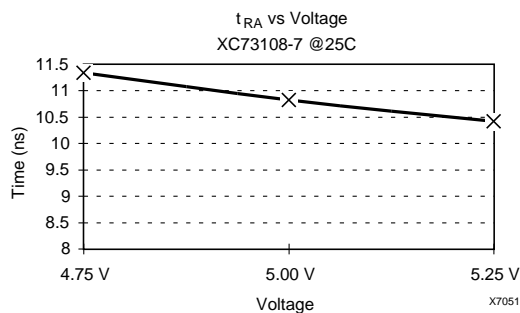
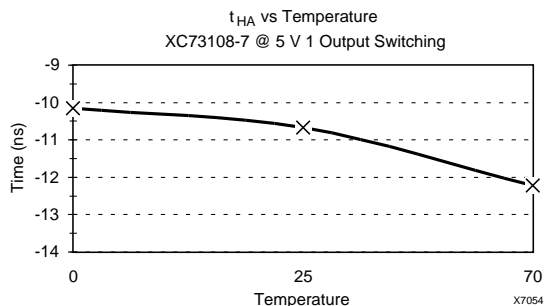
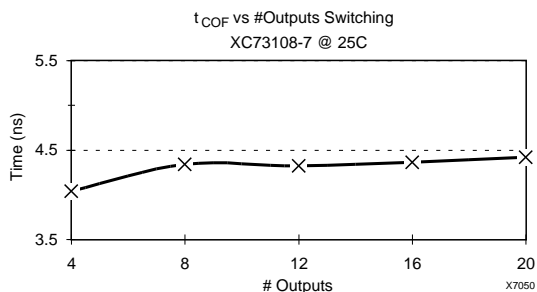
XC7372 (continued)



XC73108



XC73108 (continued)



XC73108 (continued)

