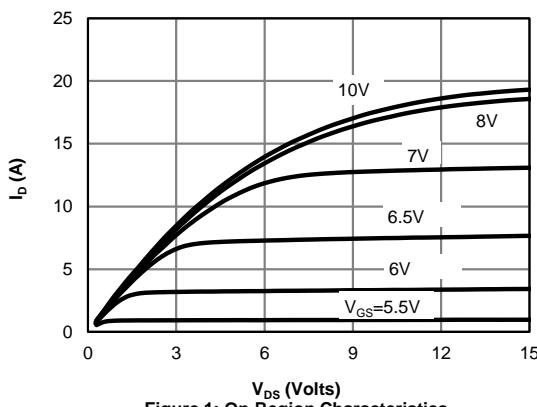
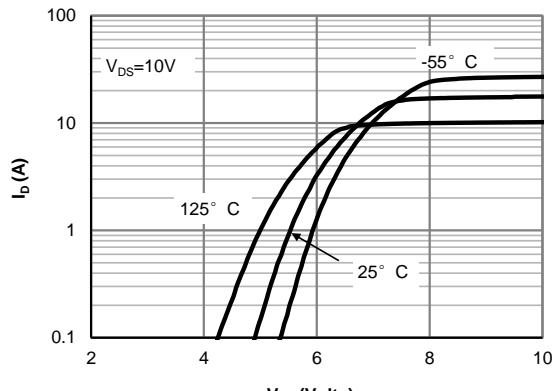
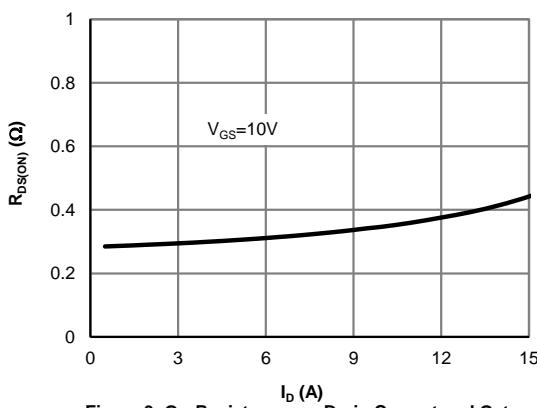
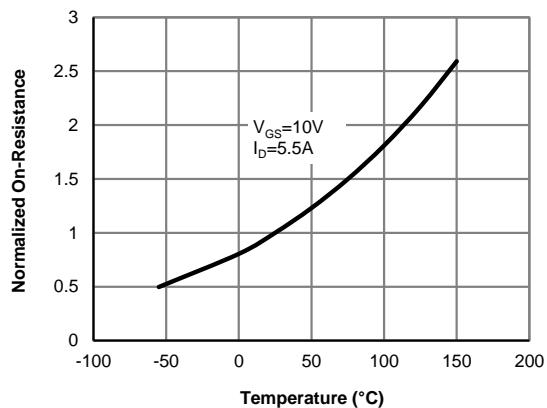
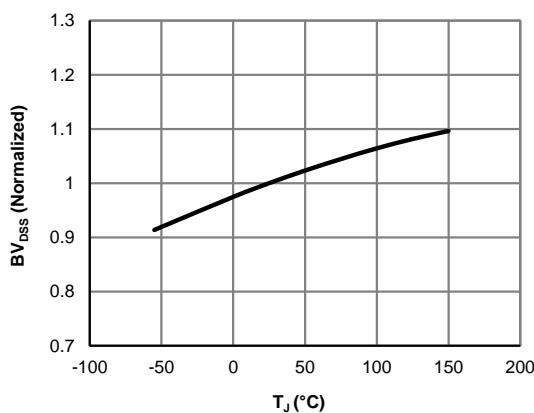
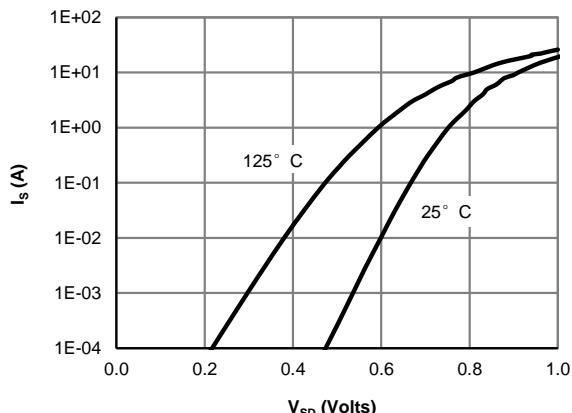
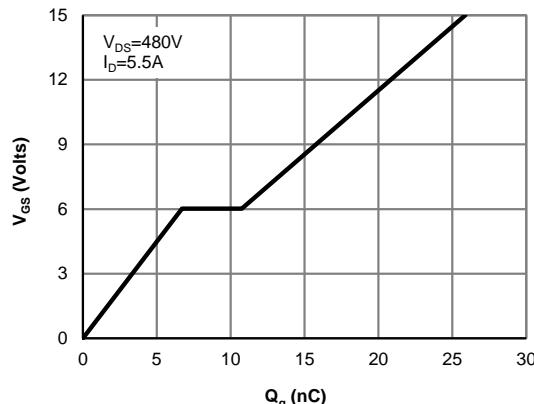
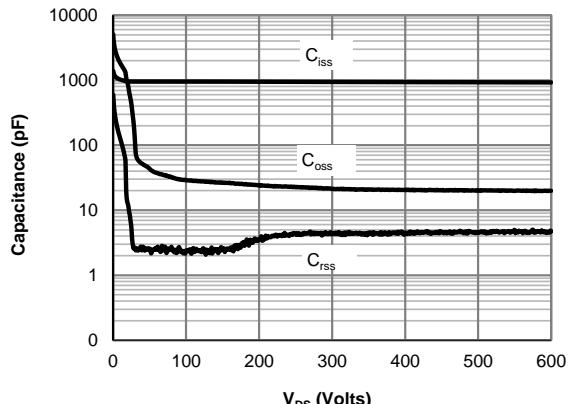
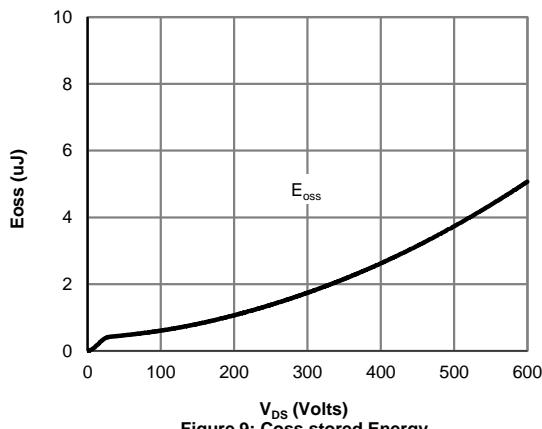
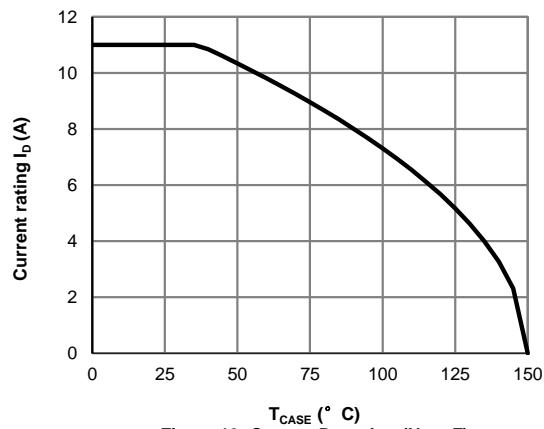
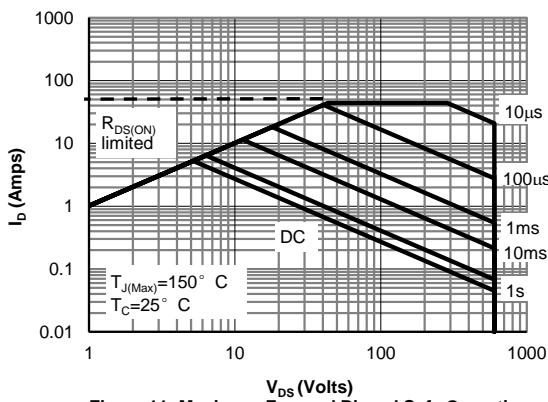
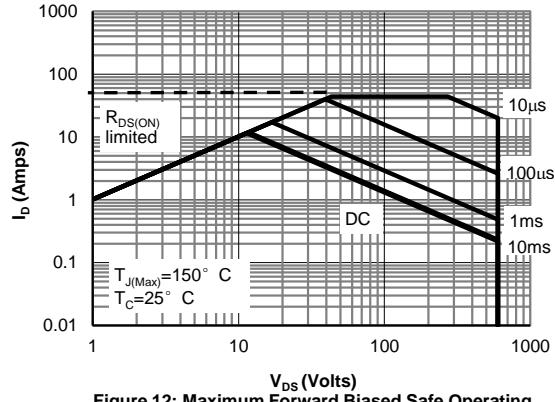


TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS

Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics

Figure 3: On-Resistance vs. Drain Current and Gate Voltage

Figure 4: On-Resistance vs. Junction Temperature

Figure 5: Break Down vs. Junction Temperature

Figure 6: Body-Diode Characteristics

TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS

Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

Figure 9: Coss stored Energy

Figure 10: Current De-rating (Note F)

Figure 11: Maximum Forward Biased Safe Operating Area for AOTF380A60CL (Note F)

Figure 12: Maximum Forward Biased Safe Operating Area for AOT(B)380A60CL (Note F)

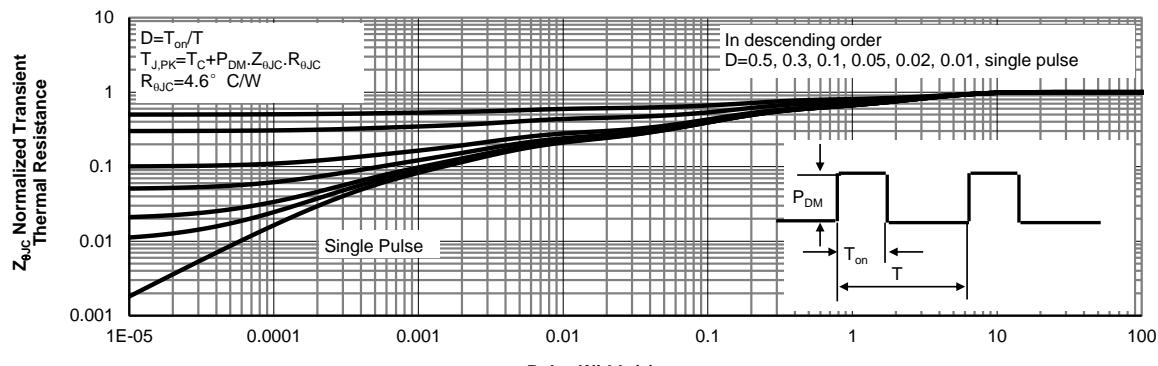
TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS


Figure 13: Normalized Maximum Transient Thermal Impedance for AOTF380A60CL (Note F)

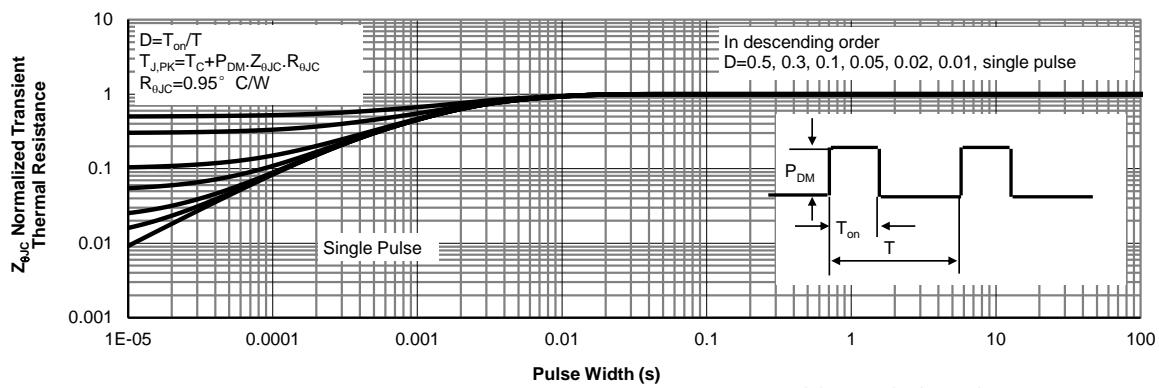
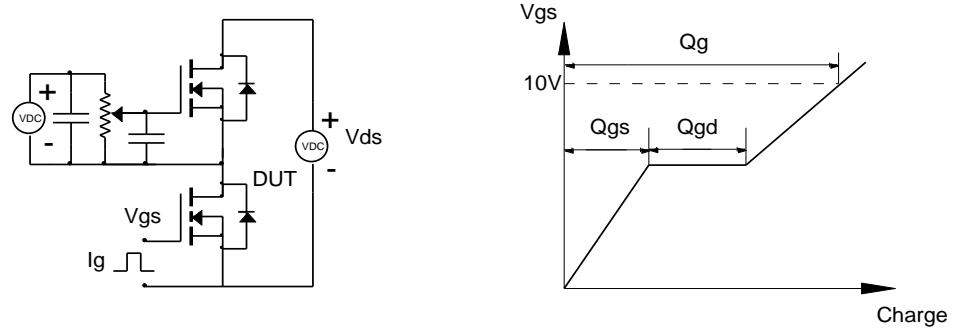
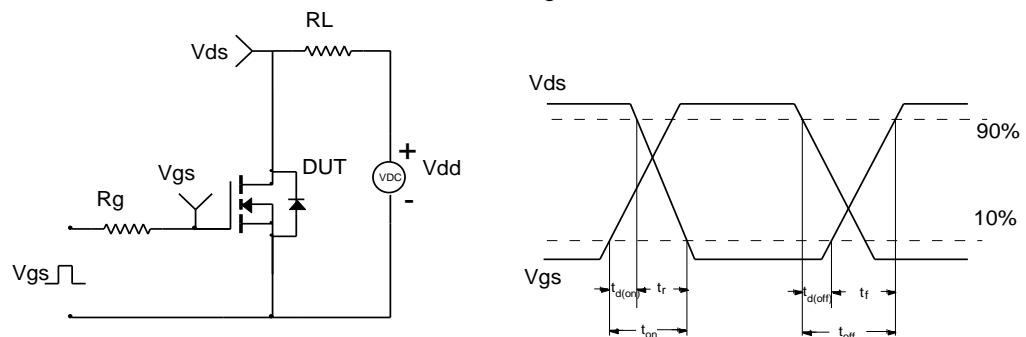
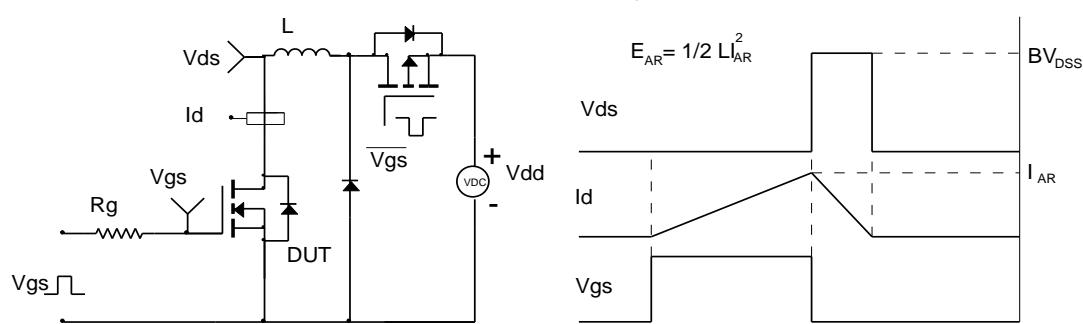


Figure 14: Normalized Maximum Transient Thermal Impedance for AOT(B)380A60CL (Note F)

Gate Charge Test Circuit & Waveform

Resistive Switching Test Circuit & Waveforms

Unclamped Inductive Switching (UIS) Test Circuit & Waveforms

Diode Recovery Test Circuit & Waveforms
