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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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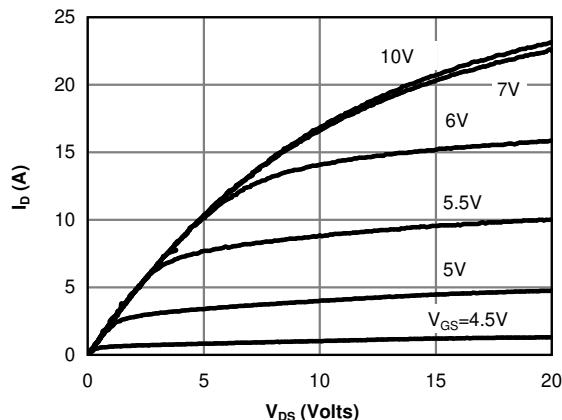
TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS


Figure 1: On-Region Characteristics@25°C

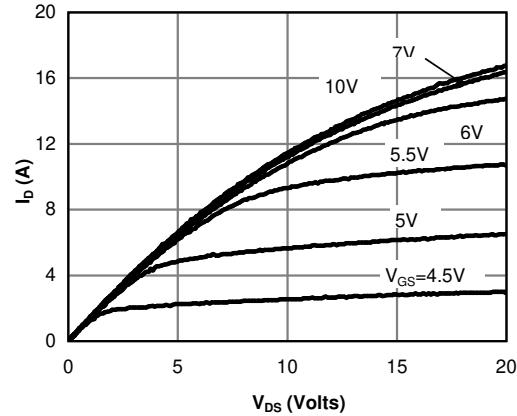


Figure 2: On-Region Characteristics@125°C

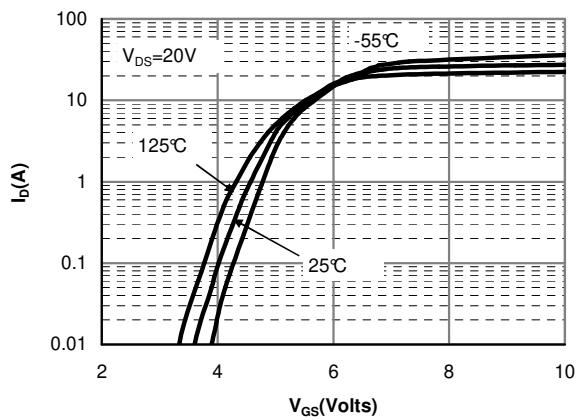


Figure 3: Transfer Characteristics

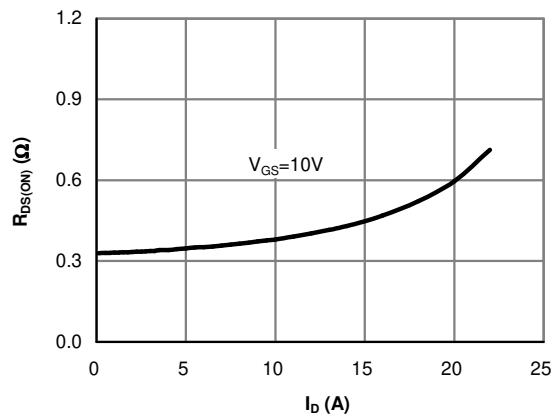


Figure 4: On-Resistance vs. Drain Current and Gate Voltage

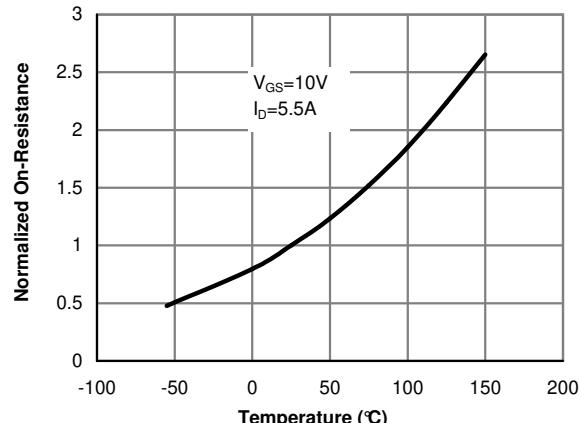


Figure 5: On-Resistance vs. Junction Temperature

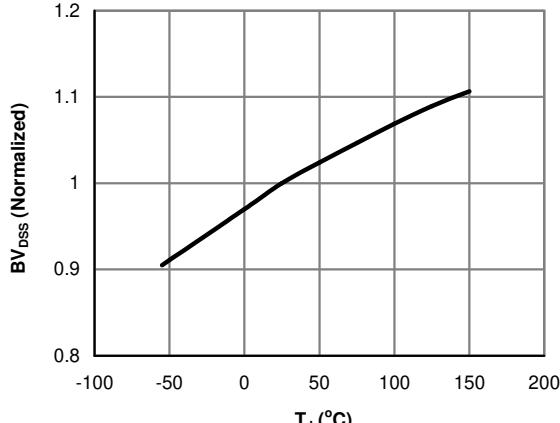
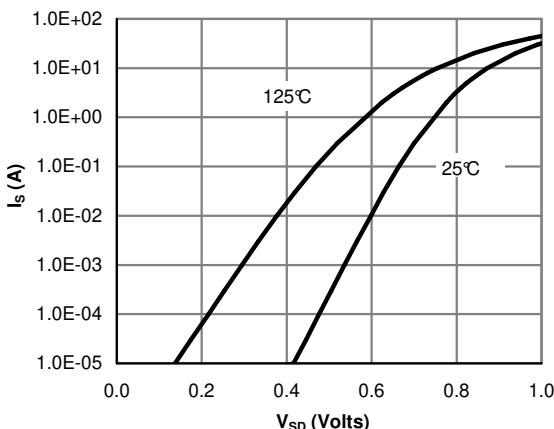
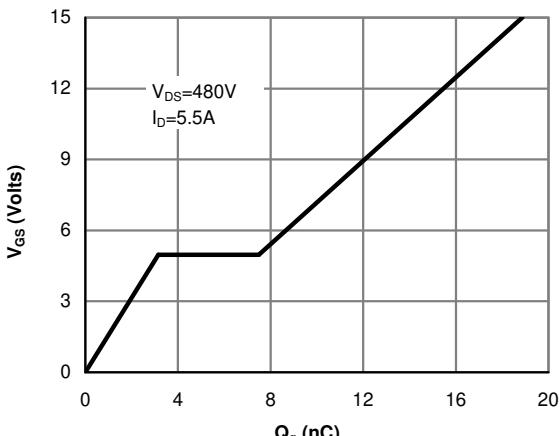
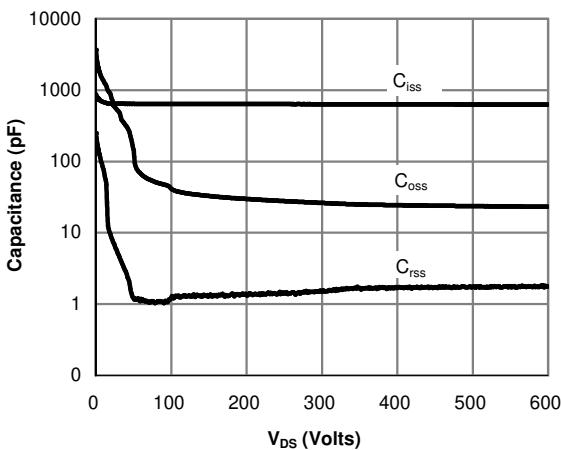
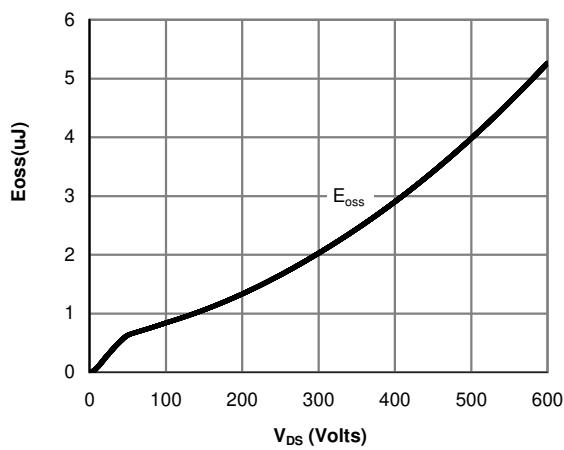
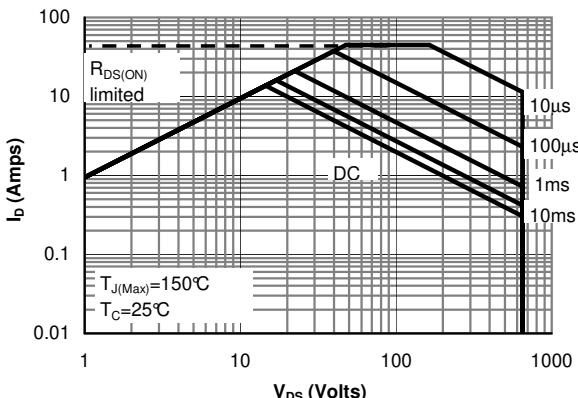
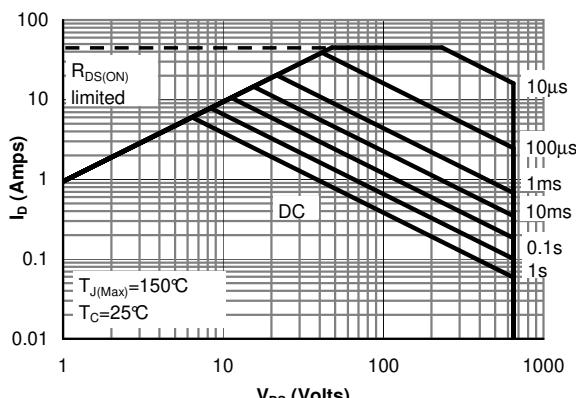
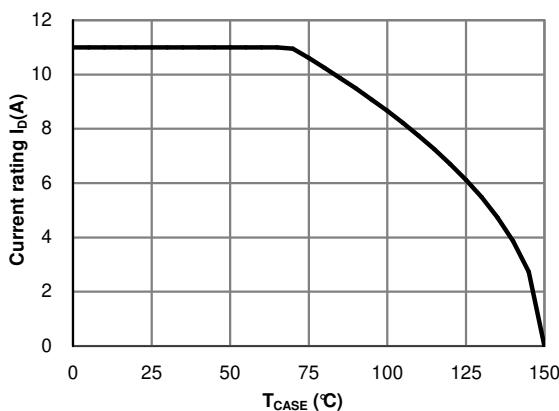
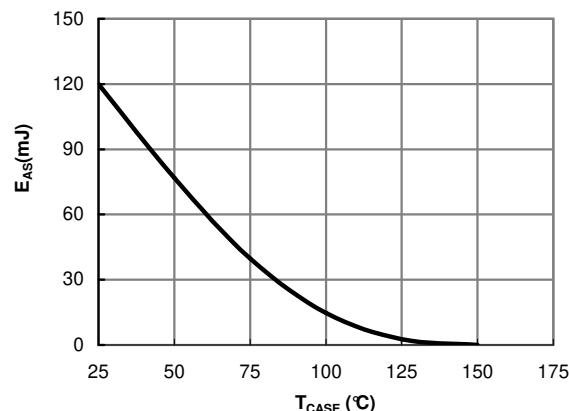
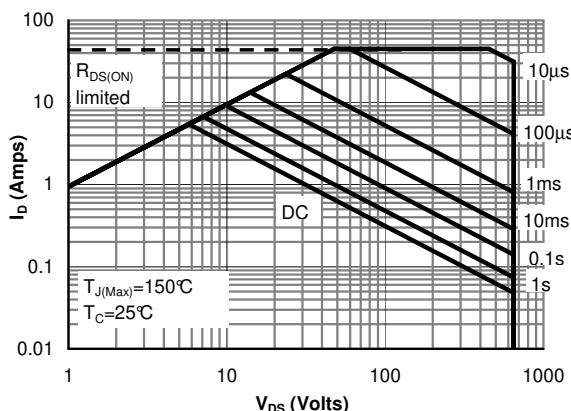


Figure 6: Break Down vs. Junction Temperature

TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS

Figure 7: Body-Diode Characteristics (Note E)

Figure 8: Gate-Charge Characteristics

Figure 9: Capacitance Characteristics

Figure 10: Coss stored Energy

Figure 11: Maximum Forward Biased Safe Operating Area for AOT(B)11S65 (Note F)

Figure 12: Maximum Forward Biased Safe Operating Area for AOTF11S65 (Note F)

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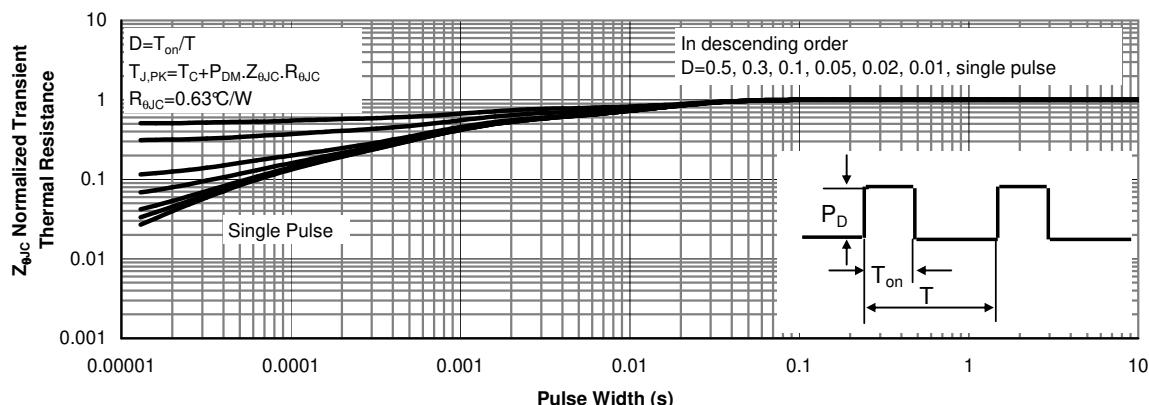
TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS


Figure 16: Normalized Maximum Transient Thermal Impedance for AOT(B)11S65 (Note F)

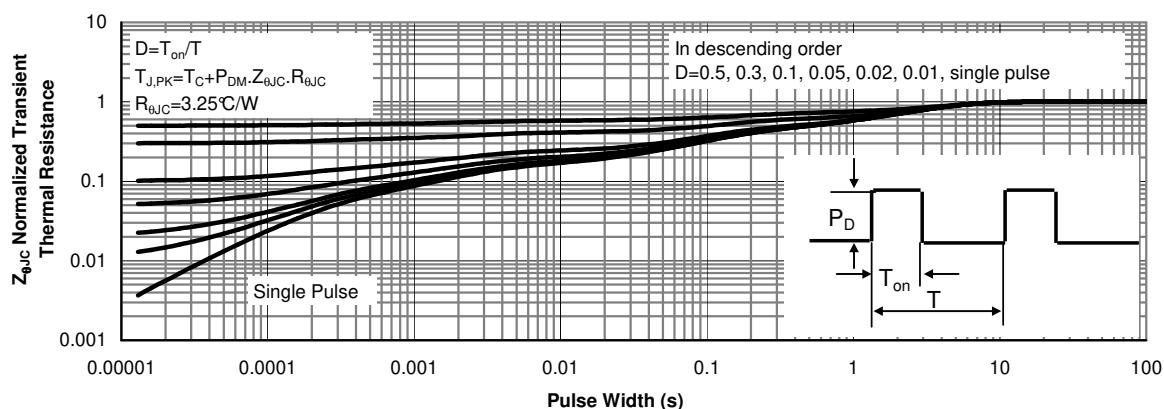


Figure 17: Normalized Maximum Transient Thermal Impedance for AOTF11S65 (Note F)

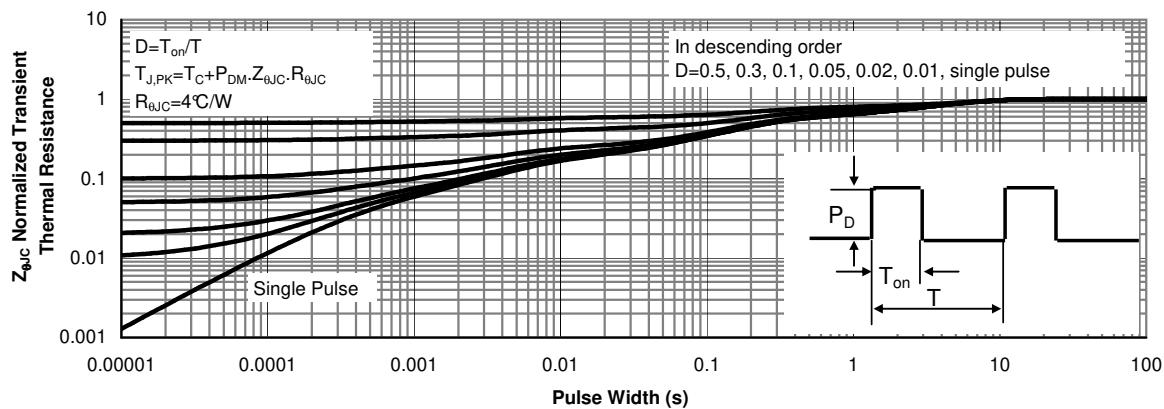
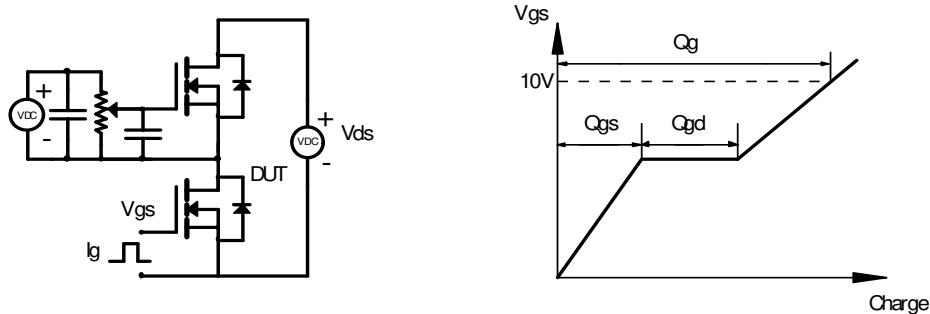


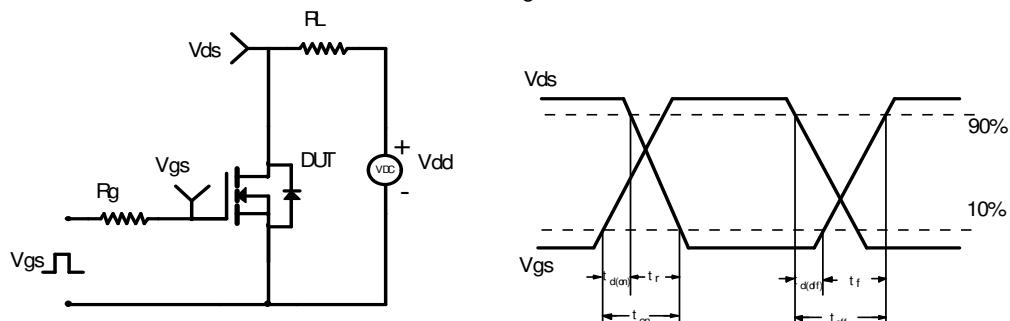
Figure 18: Normalized Maximum Transient Thermal Impedance for AOTF11S65L (Note F)



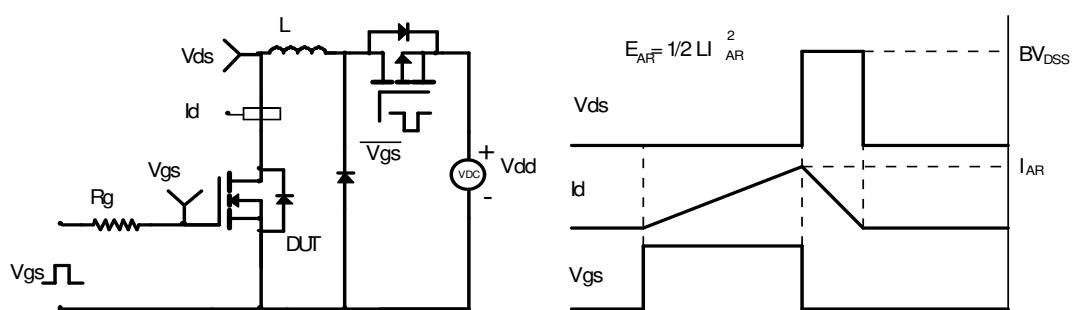
Gate Charge Test Circuit & Waveform



Resistive Switching Test Circuit & Waveforms



Unclamped Inductive Switching (UIS) Test Circuit & Waveforms



Diode Recovery Test Circuit & Waveforms

