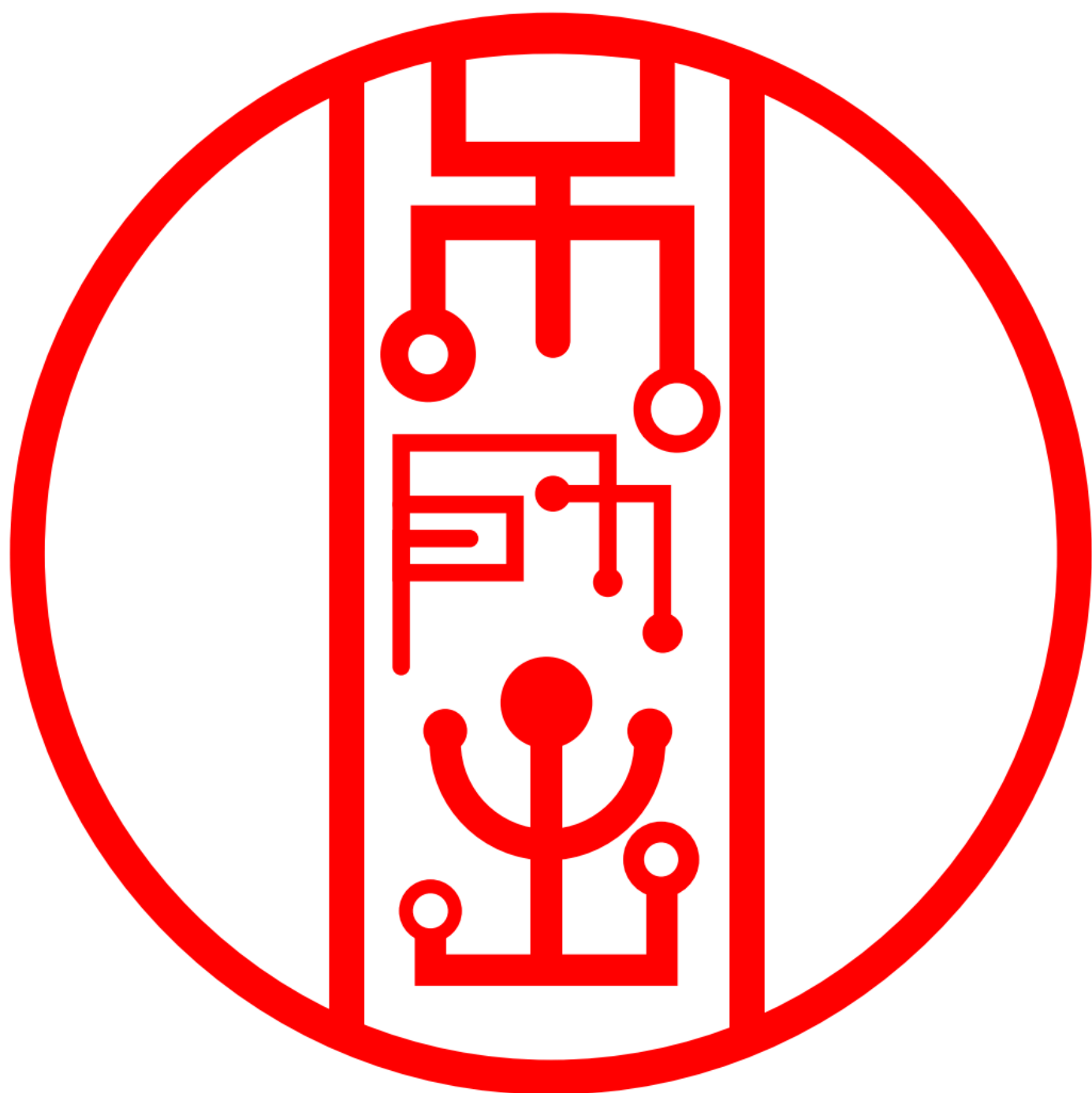
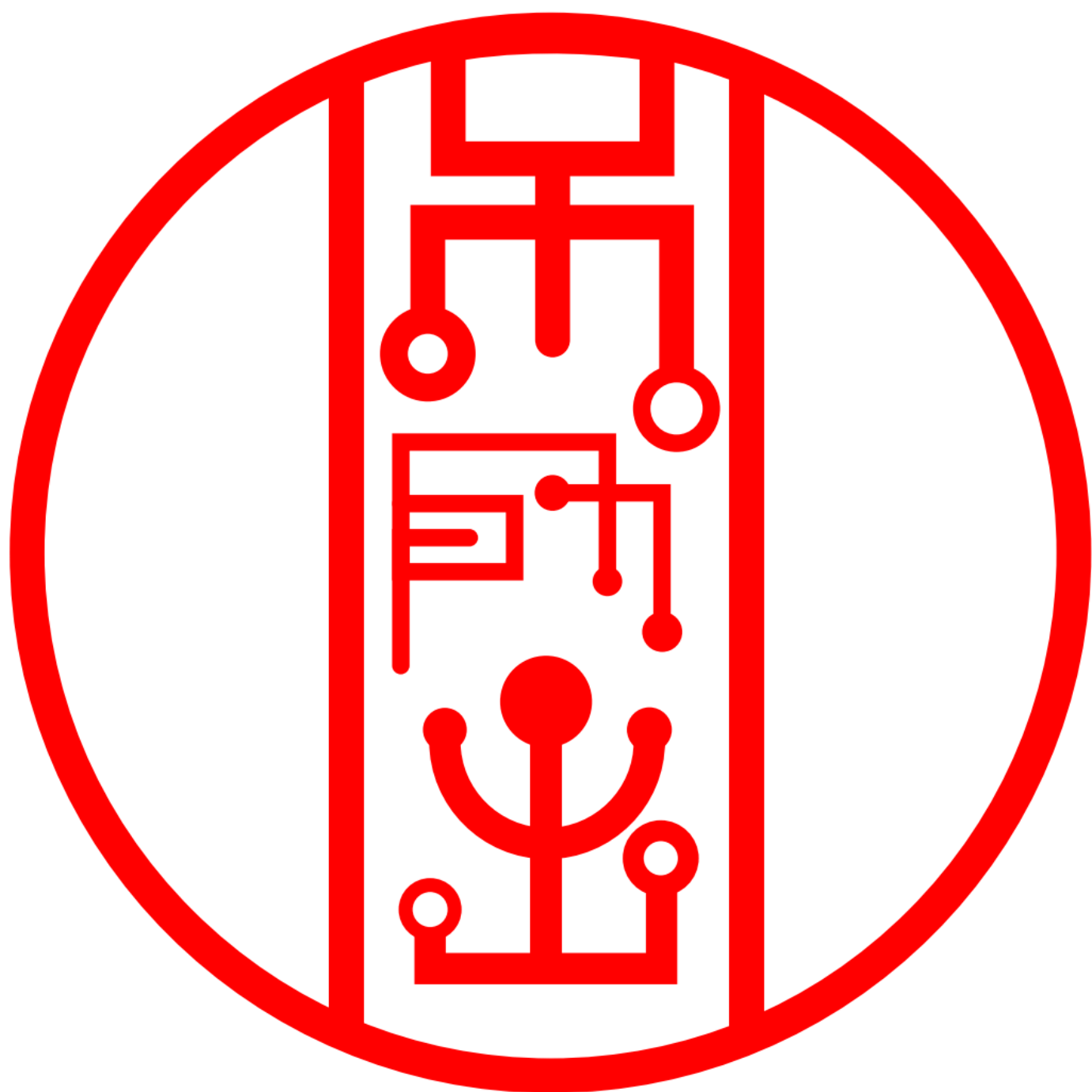
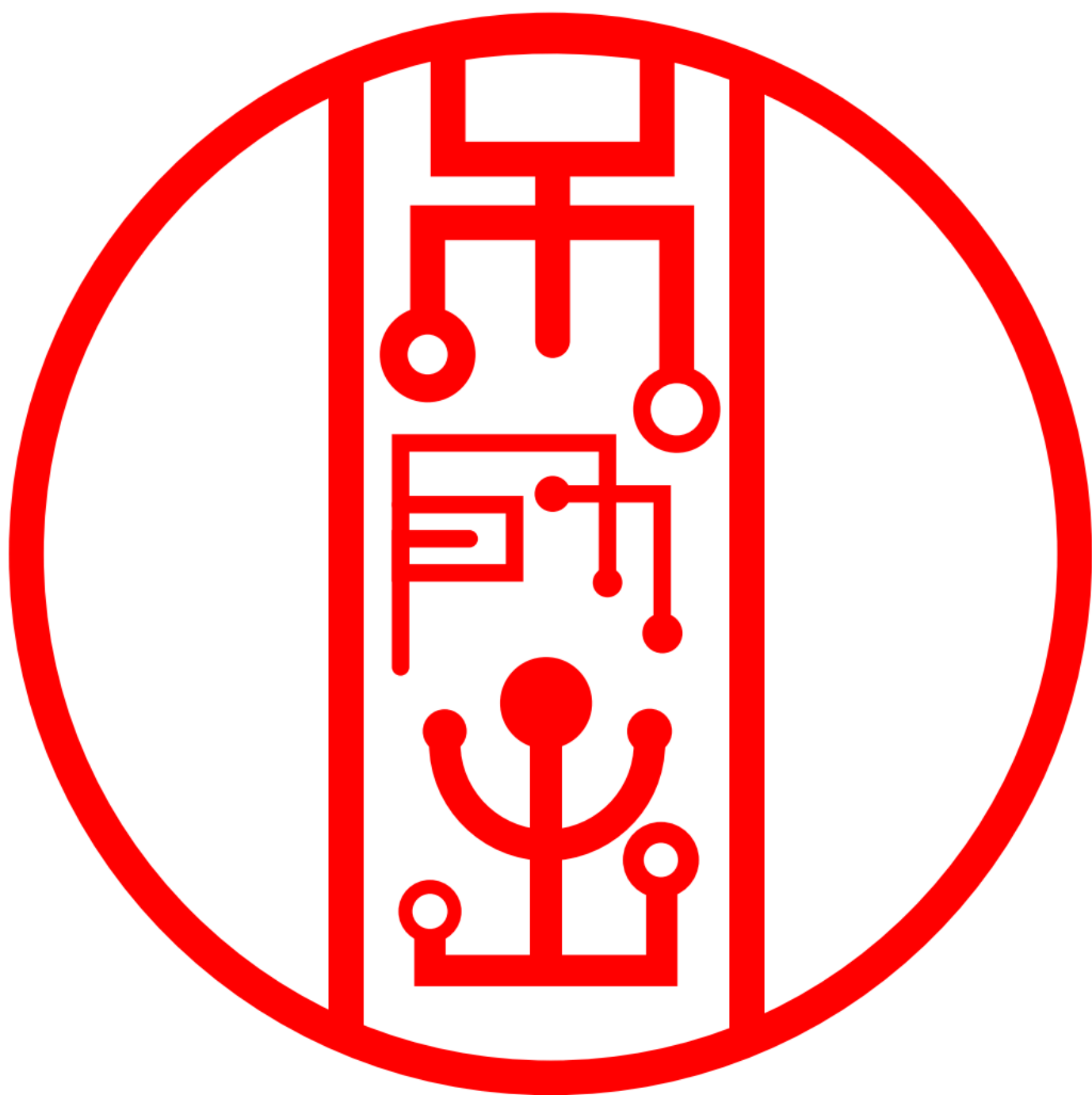








Typical Performance

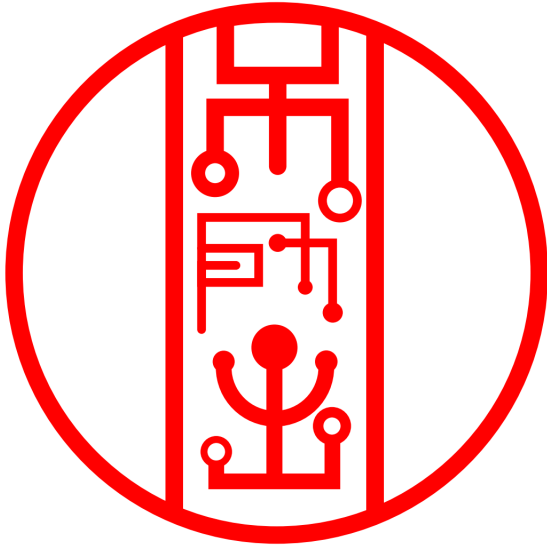


Figure 1. Output characteristics at $T_j=25^\circ\text{C}$

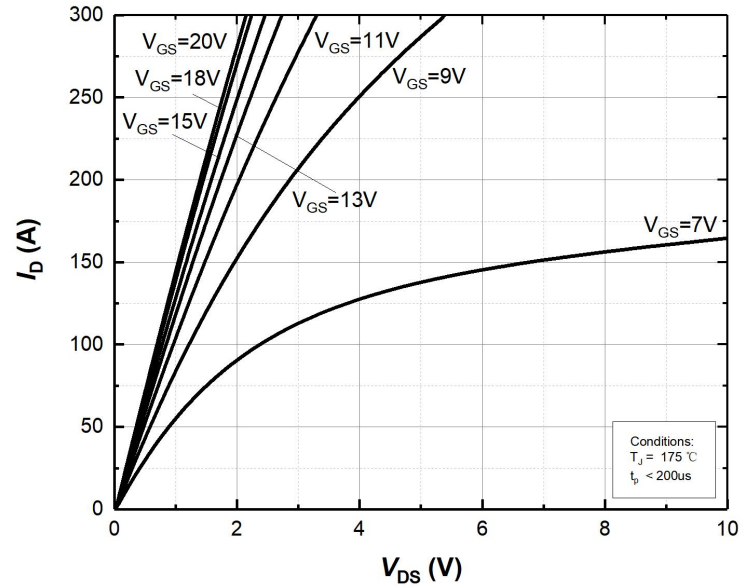


Figure 2. Output characteristics at $T_j=175^\circ\text{C}$

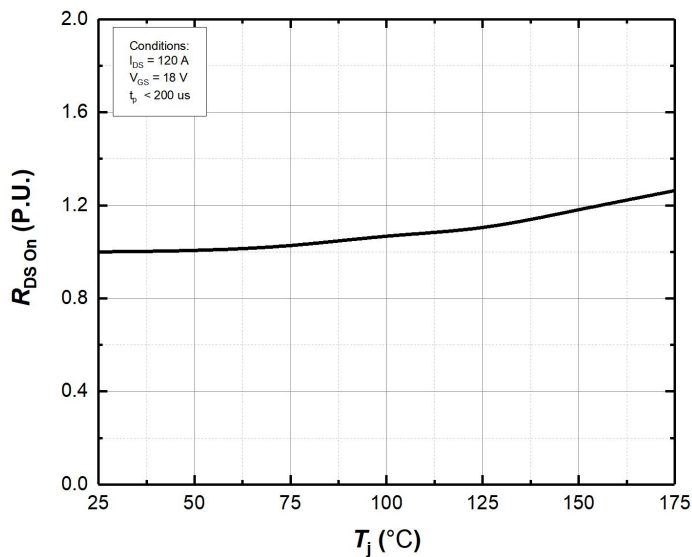


Figure 3. Normalized On-Resistance vs. Temperature

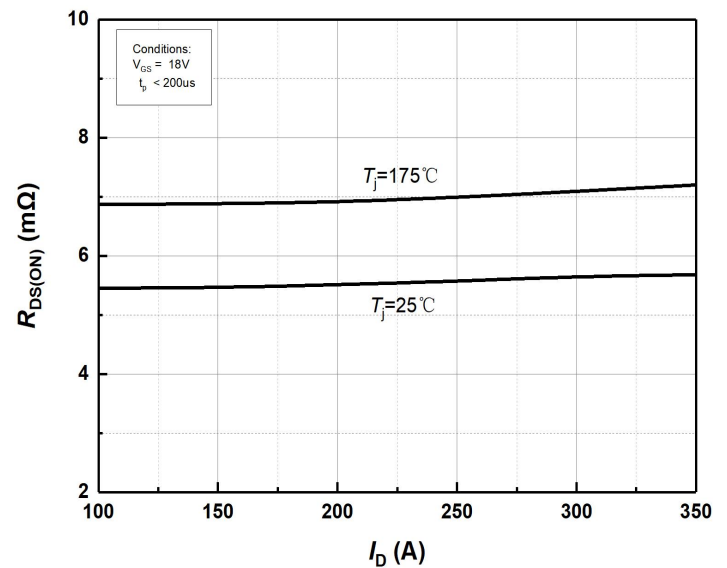


Figure 4. On-Resistance vs. Drain current for Various Temperature

Typical Performance

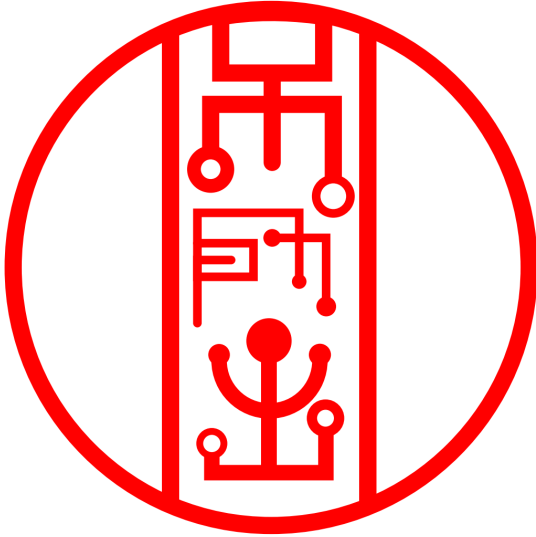


Figure 5. On-Resistance vs. Temperature for Various Gate Voltage

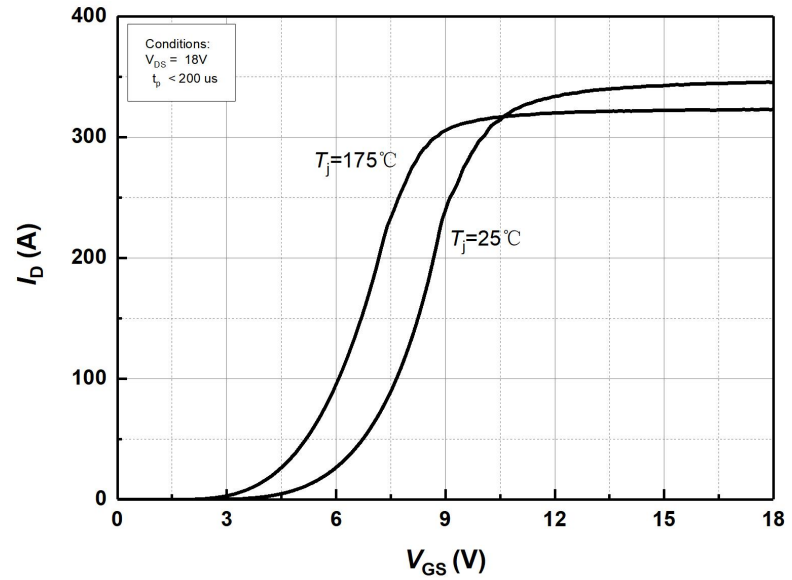


Figure 6. Transfer Characteristics for Various Junction Temperatures

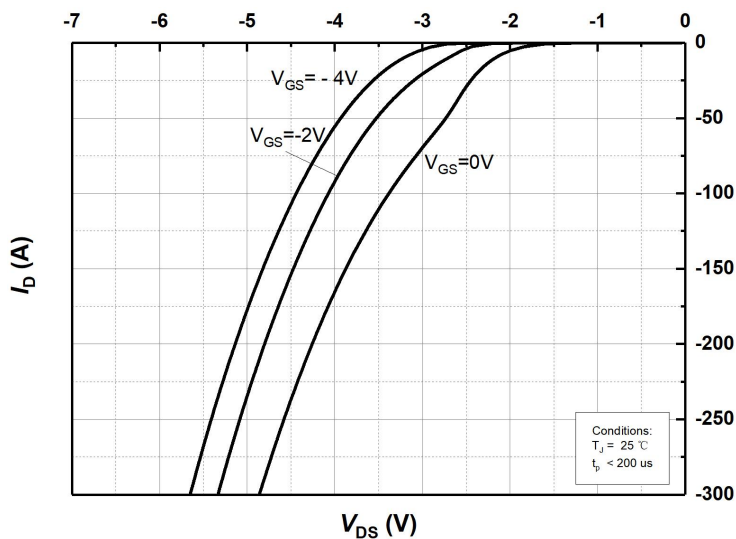


Figure 7. Body Diode Characteristics at $T_j=25^\circ C$

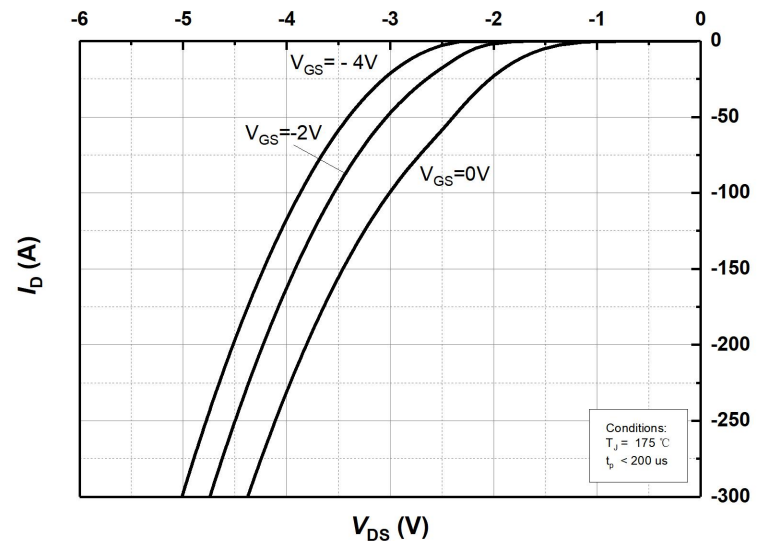


Figure 8. Body Diode Characteristics at $T_j=175^\circ C$

Typical Performance

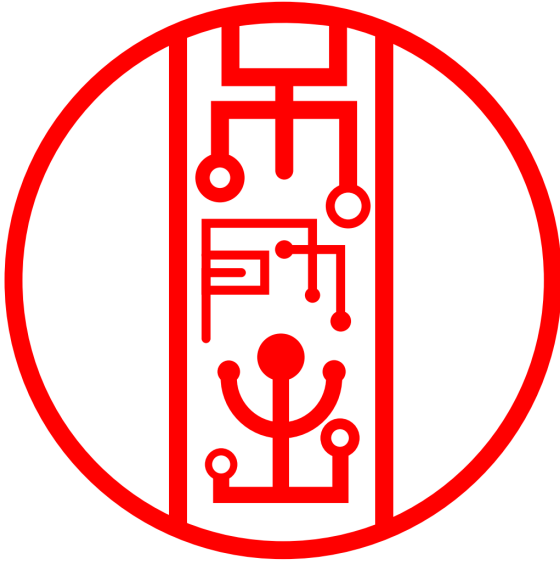


Figure 9. Threshold Voltage vs. Temperature

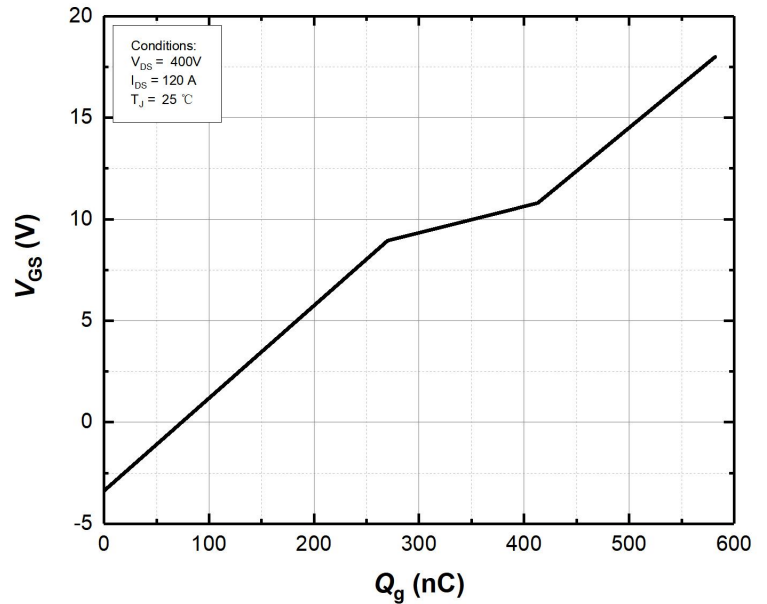


Figure 10 Gate Charge Characteristics

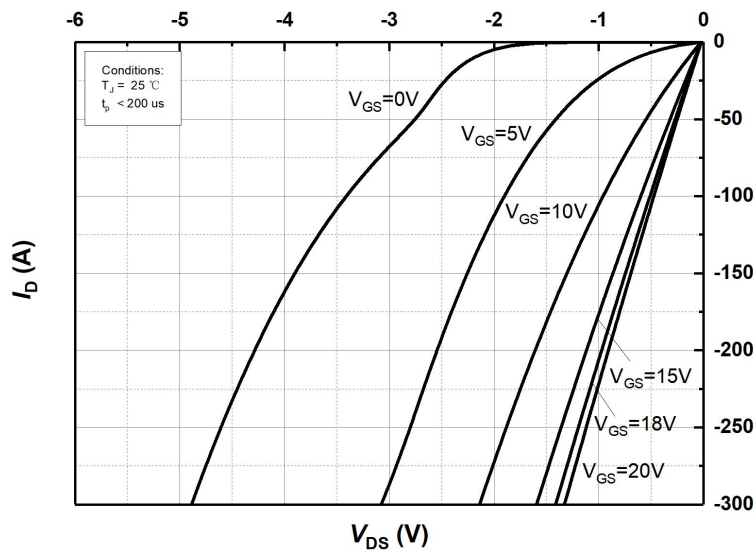


Figure 11. 3rd Quadrant Characteristic at T_J=25°C

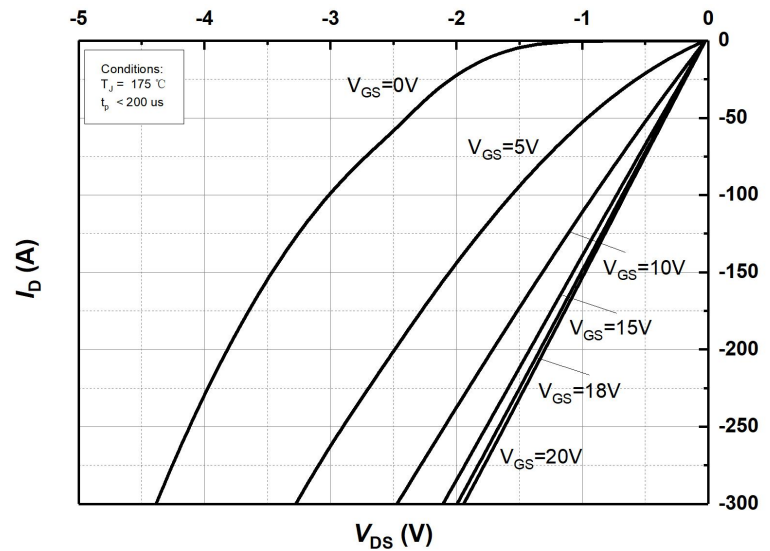


Figure 12. 3rd Quadrant Characteristic at T_J=175°C

Typical Performance

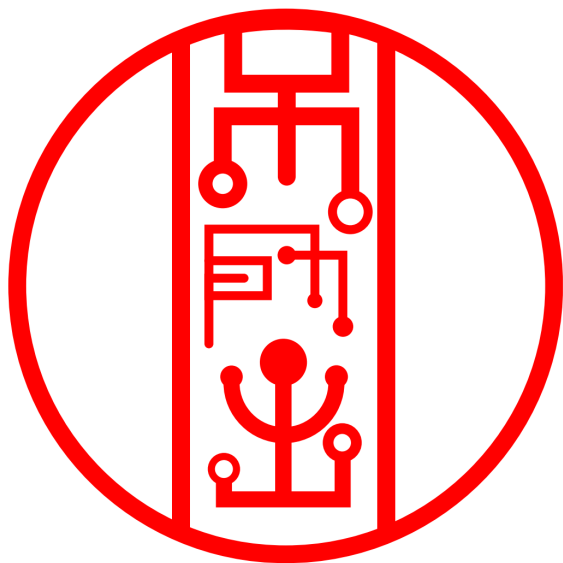


Figure 13. Capacitances vs. Drain-Source Voltage (0 – 1000V)

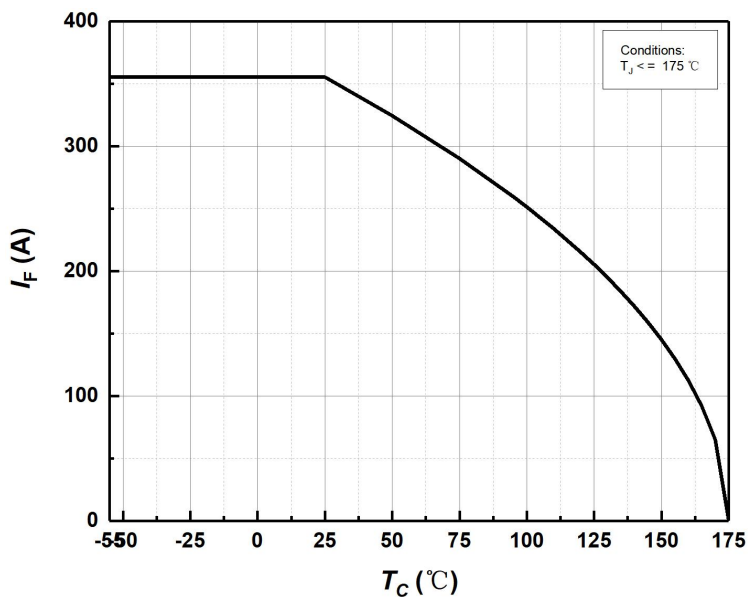


Figure 14. Continuous Drain Current Derating vs Case Temperature

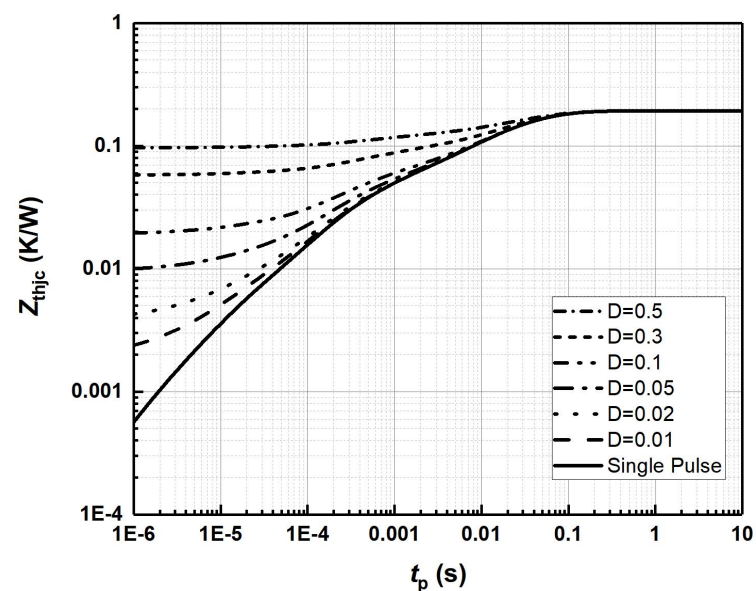


Figure 15. Transient Thermal Impedance (Junction – Case)

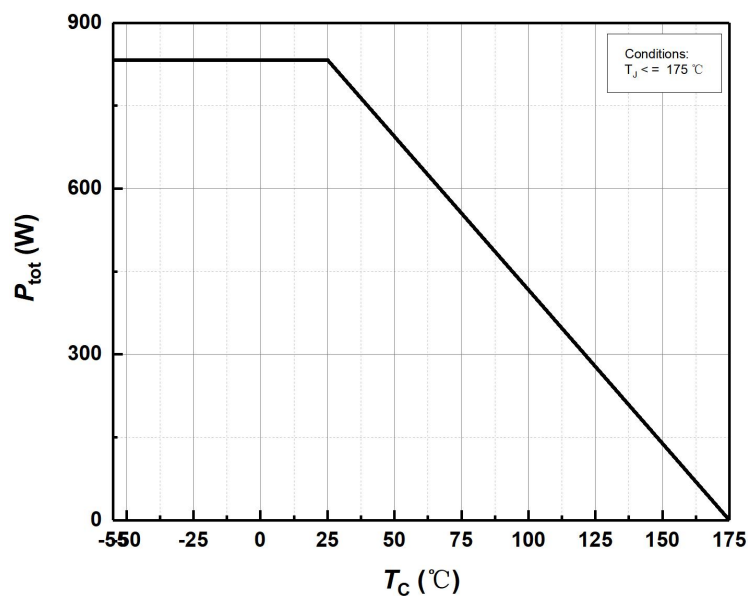


Figure 16. Maximum Power Dissipation Derating vs. Case Temperature

Typical Performance

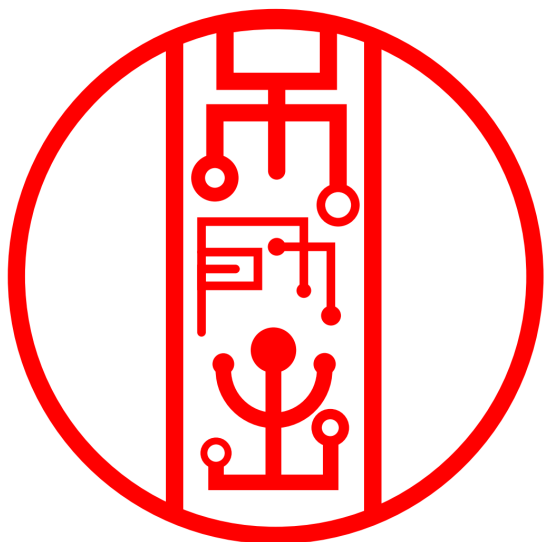


Figure 17. Output Capacitor Stored Energy

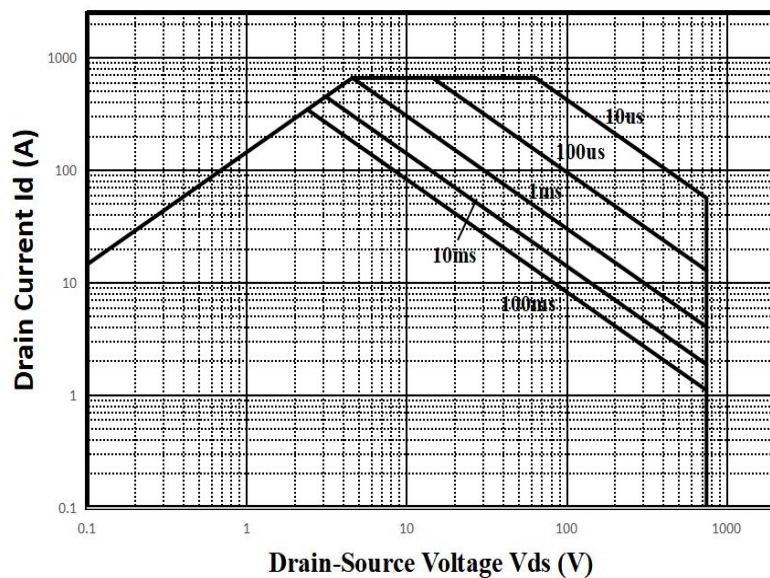
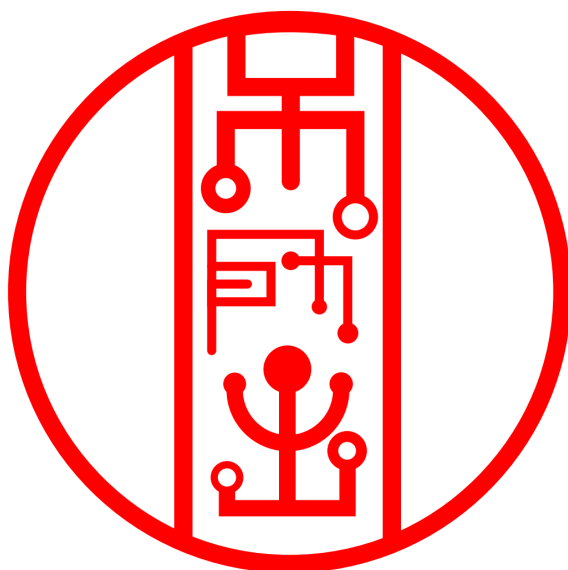


Figure 18. Safe Operating Area

Package Dimensions



SYMBOLS	DIMENSION IN MM		
	MIN	NOM	MAX
<i>A</i>	31.60	31.80	32.60
<i>B</i>	7.90	8.10	8.30
<i>C</i>	4.10	4.20	4.30
<i>D</i>	4.10	4.20	4.30
<i>E</i>	4.10	4.20	4.30
<i>F</i>	14.80	15.00	15.20
<i>G</i>	30.00	30.20	30.40
<i>H</i>	37.90	38.10	38.30
<i>J</i>	11.75	11.95	12.15
<i>K</i>	9.40	9.60	9.80
<i>L</i>	0.75	0.80	0.85
<i>M</i>	12.40	12.70	13.00
<i>N</i>	25.50	25.70	25.90
<i>O</i>	1.90	2.00	2.10
<i>P</i>	5.30	5.60	5.90
<i>Q</i>	26.50	26.70	27.20
<i>R</i>	3.90	4.20	4.50
<i>S</i>	4.55	4.75	4.95
<i>T</i>	24.70	25.00	25.30