Electrical Characteristics (T_J = 25°C unless otherwise specified)

Symbol	Conditions	Min.	Typ.	Max.	Unit
Off Characteristics					
$V_{(BR)DSS}$		60	-	-	V
I_{DSS}		-	-	1.0	μA
I_{GSS}		-	-	±100	nA
$V_{GS(th)}$		1.1	1.5	2.1	V
		-	5.1	6.6	mΩ
		-	6.7	8.8	mΩ
R_g		-	1.3	-	Ω
C_{iss}		-	1233	1849	pF
C_{oss}		-	560	840	pF
C_{rss}		-	32	63	pF
Q_g		-	22	-	nC
Q_{gs}		-	3.8	-	nC
Q_{gd}		-	4.7	-	nC
t					

Typical Performance Characteristics

Figure 1: Power De-rating

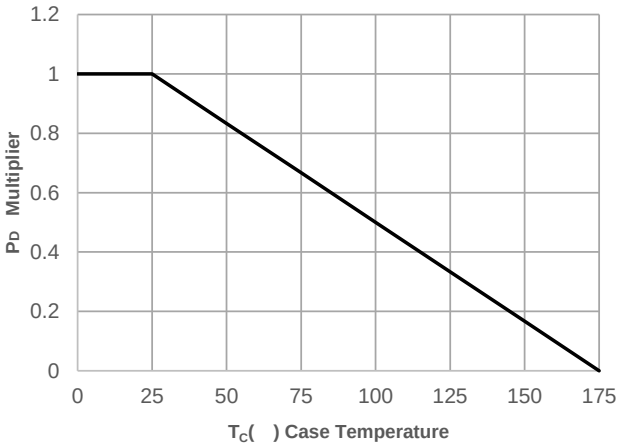
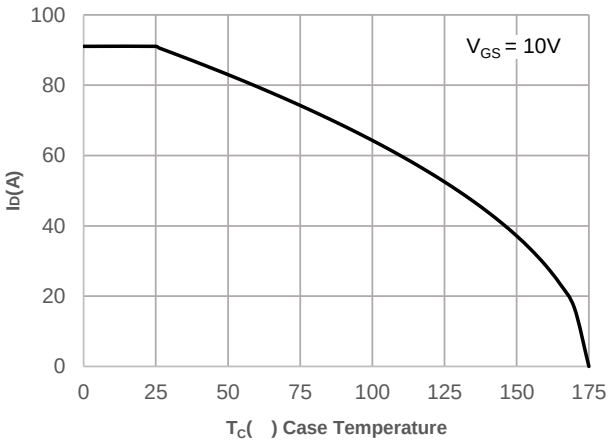
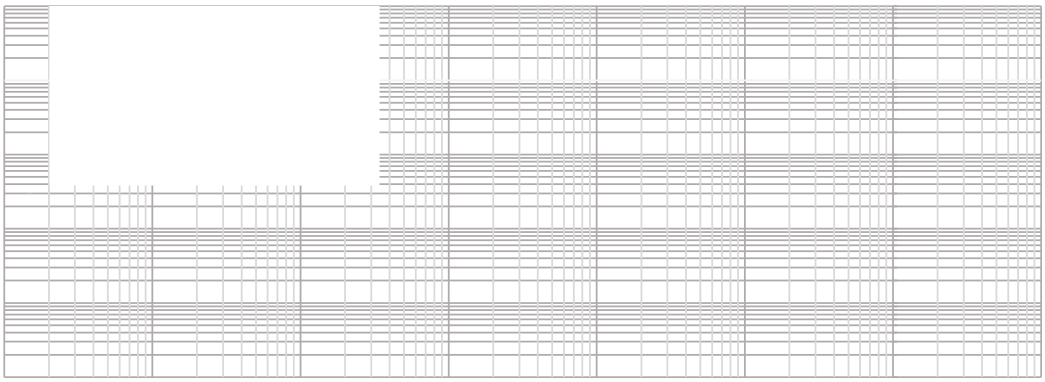


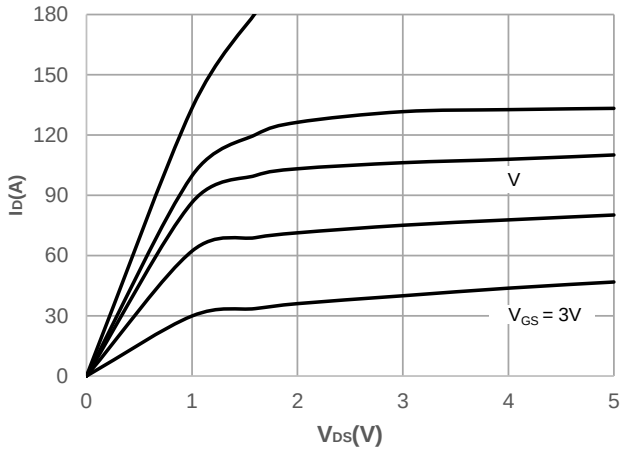
Figure 2: Current De-rating





Typical Performance Characteristics

Figure 5: Output Characteristics



Test Circuit

Figure 1: Gate Charge Test Circuit & Waveform

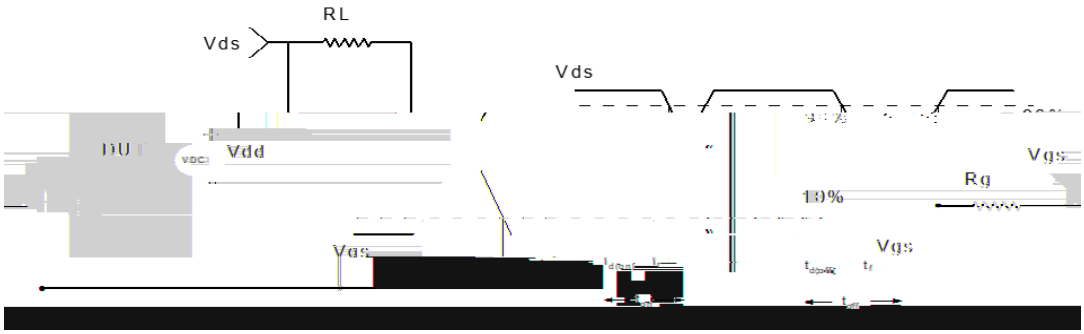


Figure 2: Resistive Switching Test Circuit & Waveform

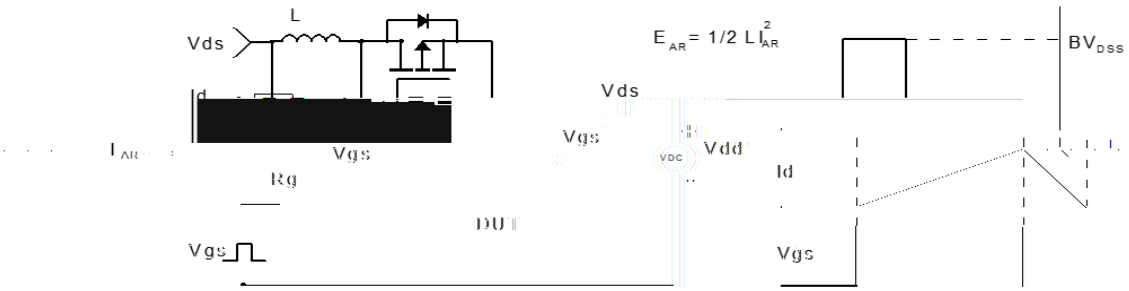


Figure 3: Unclamped Inductive Switching Test Circuit& Waveform

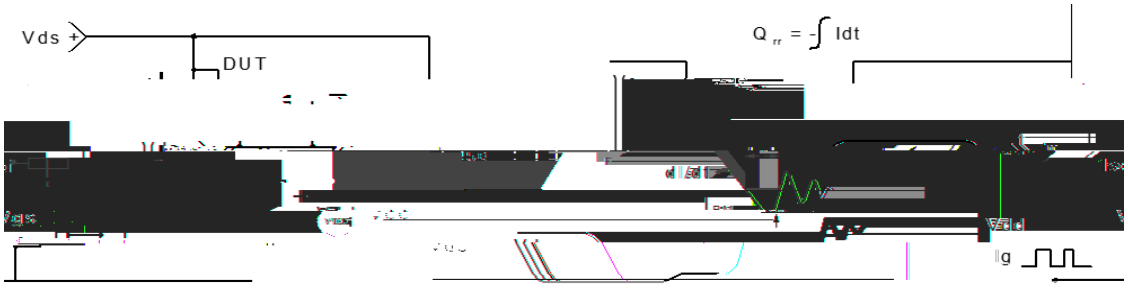


Figure 4: Diode Recovery Test Circuit & Waveform

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