

/ Descriptions

SiC

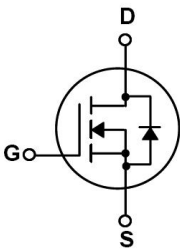
/ Features

$\leq$	Ω	Ω
$\leq$	Ω	Ω

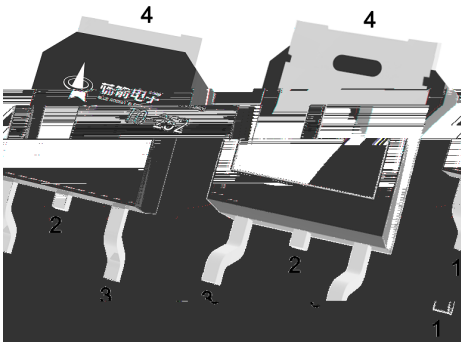
/ Applications

LED	PD	PC
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/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Tc=25)

/ Electrical Characteristics(Tc=25)

		μ				
						μ
						Ω
						μ

/ Electrical Characteristics(Tc=25)

		μ				
-						μ
-						
						Ω

/ Electrical Characteristic Curve

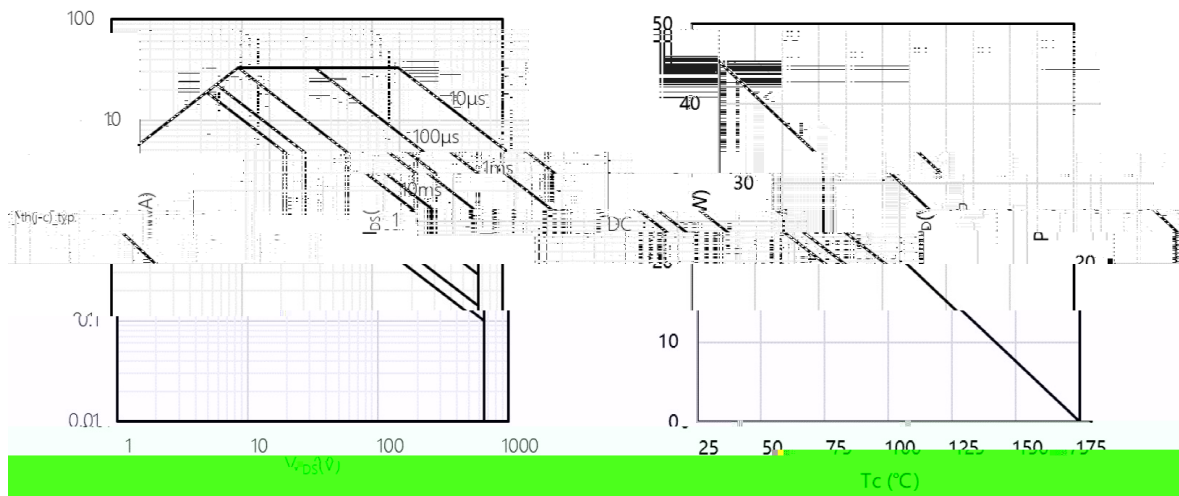


Fig1. Safe operating_area (SOA)

Fig2. Power dissipation

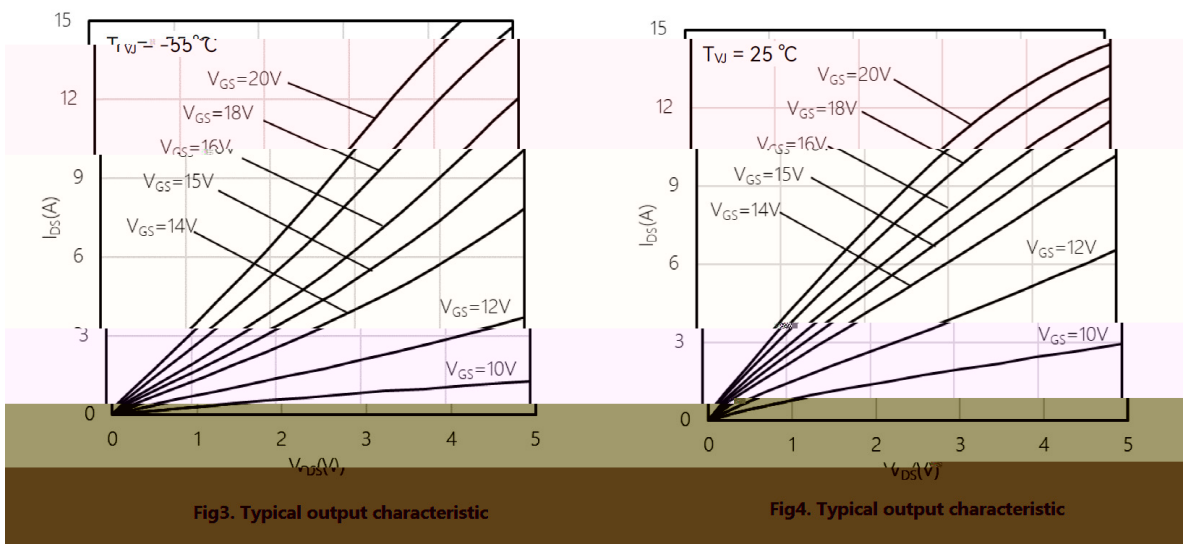
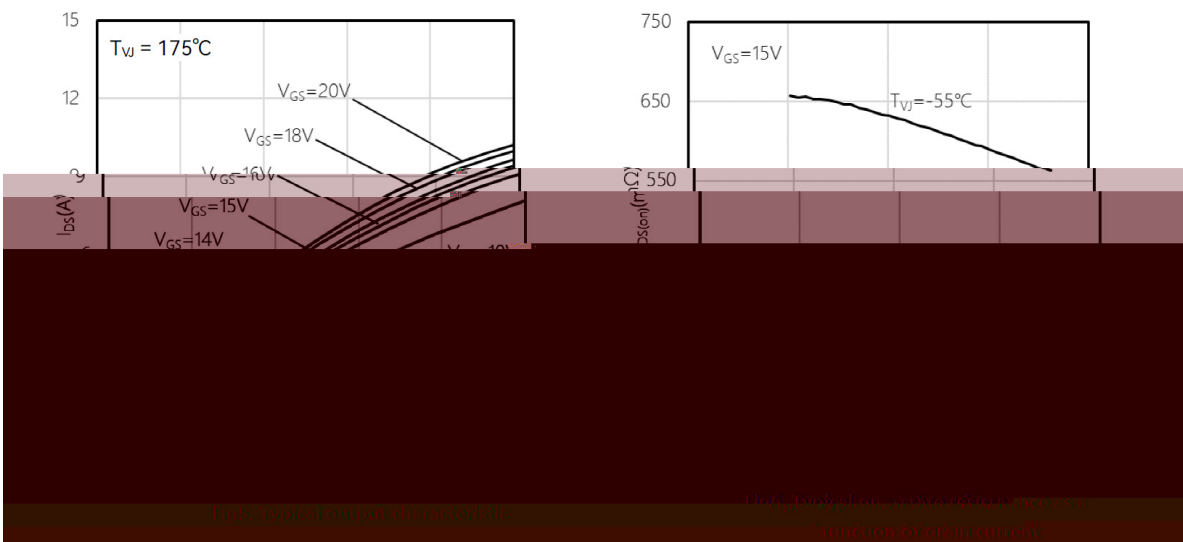
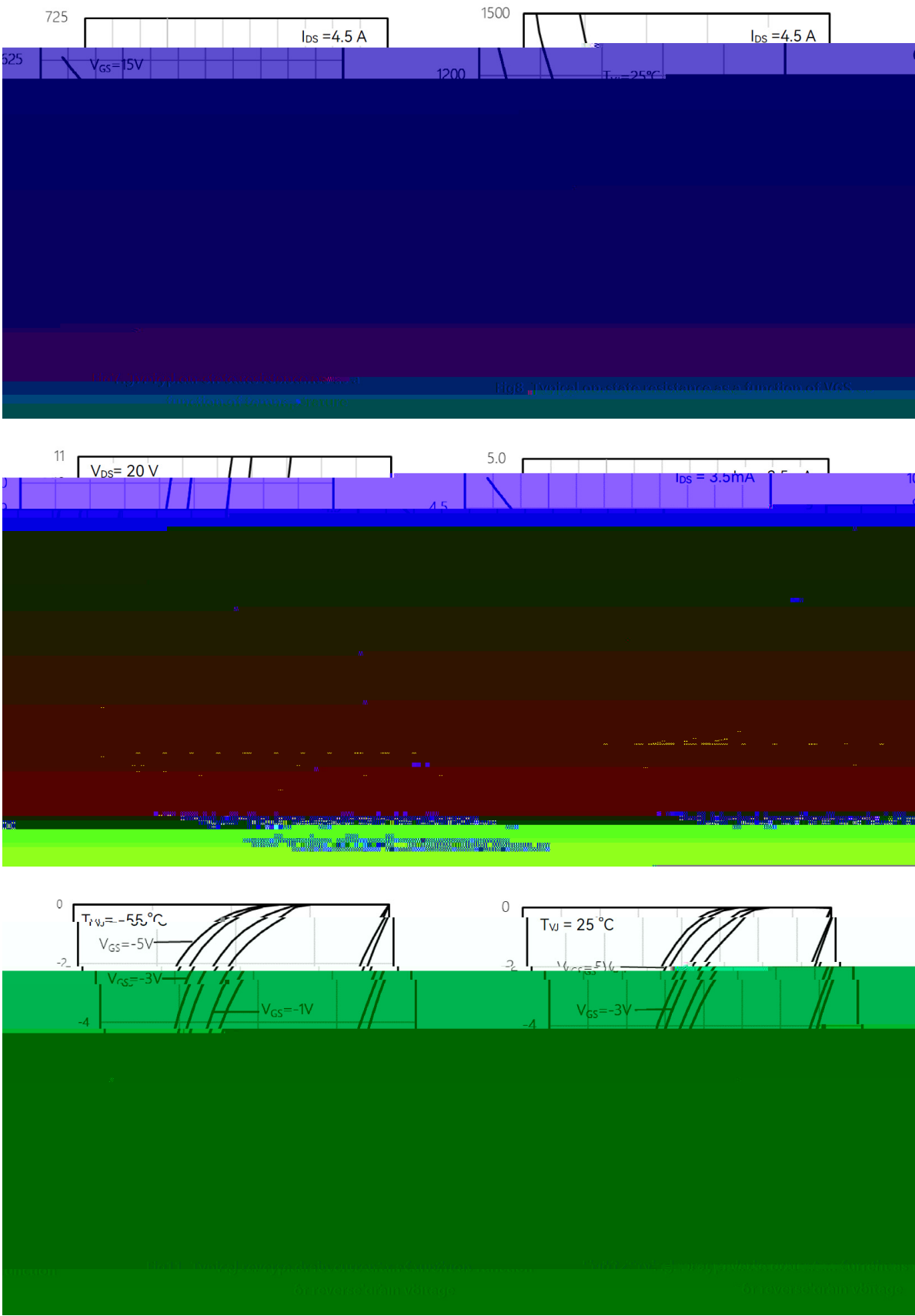


Fig3. Typical output characteristic

Fig4. Typical output characteristic



/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

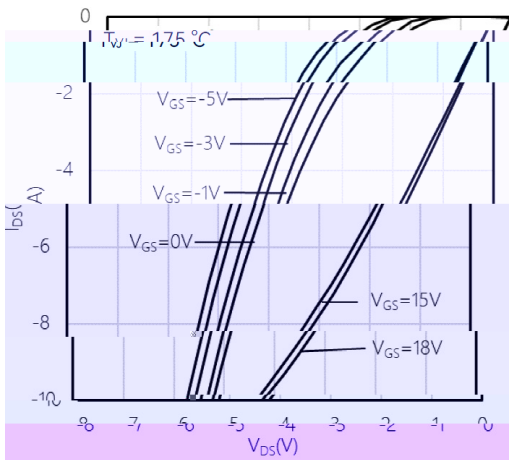


Fig13. Typical reverse drain current as a function of reverse drain voltage

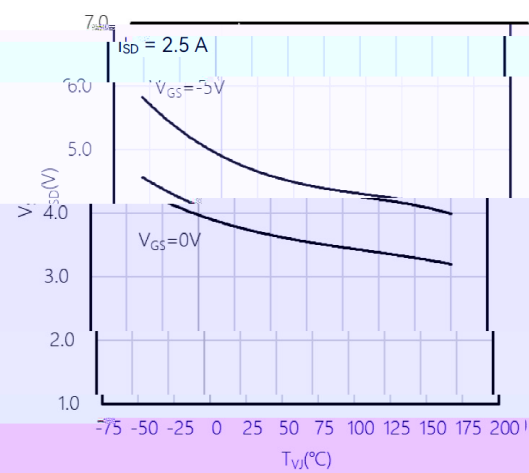


Fig14. Typical reverse drain voltage as a function of junction temperature

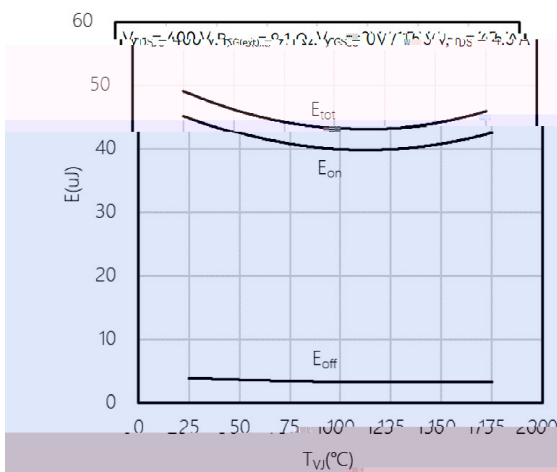


Fig15. Typical switching energy as a function of junction temperature

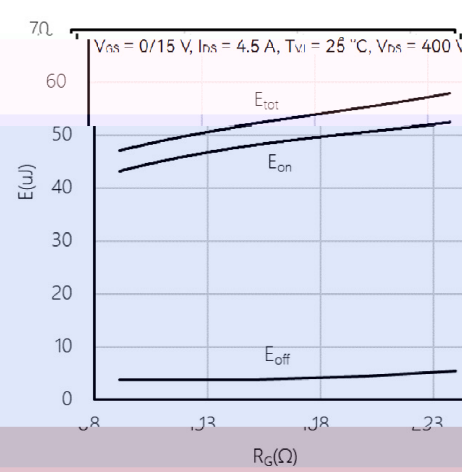


Fig16. Typical switching energy losses as a function of gate resistance

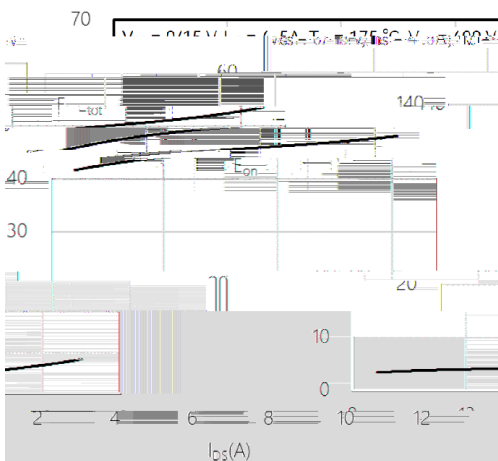


Fig18. Typical switching energy losses as a function of Ids, 2nd device own body diode: VGS = 0V

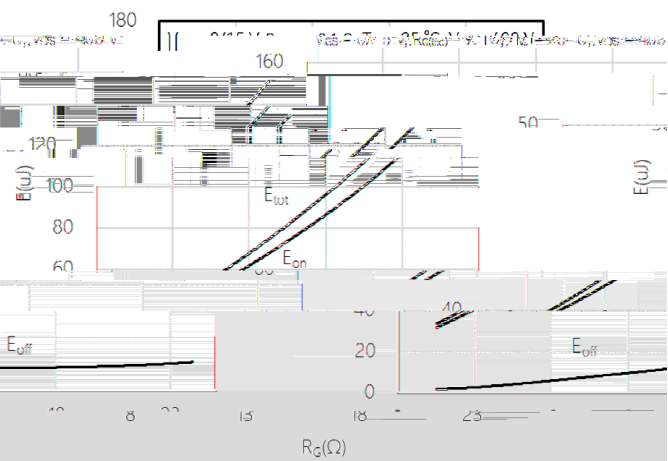
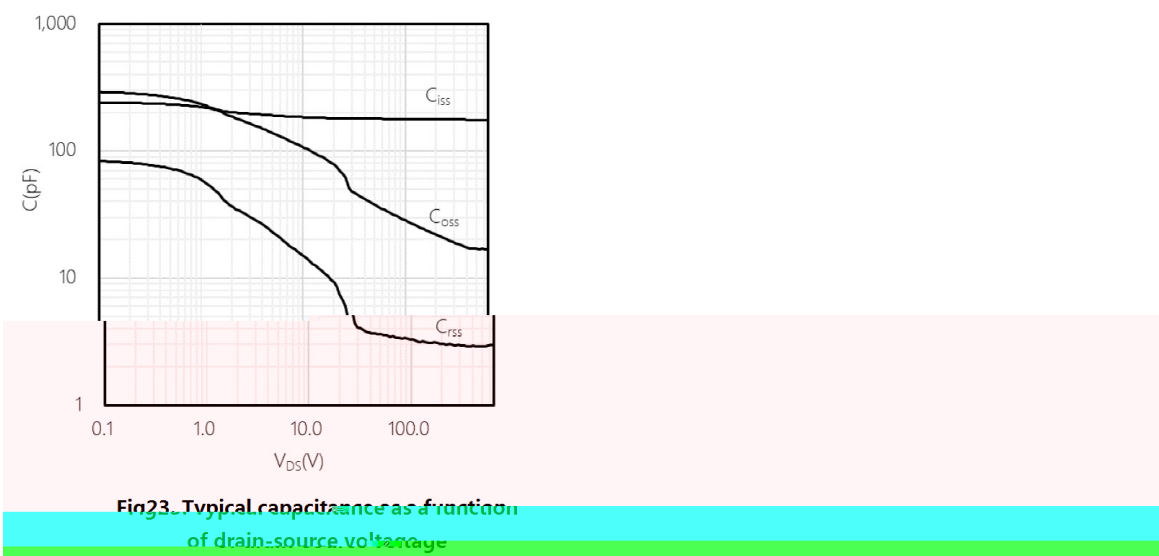
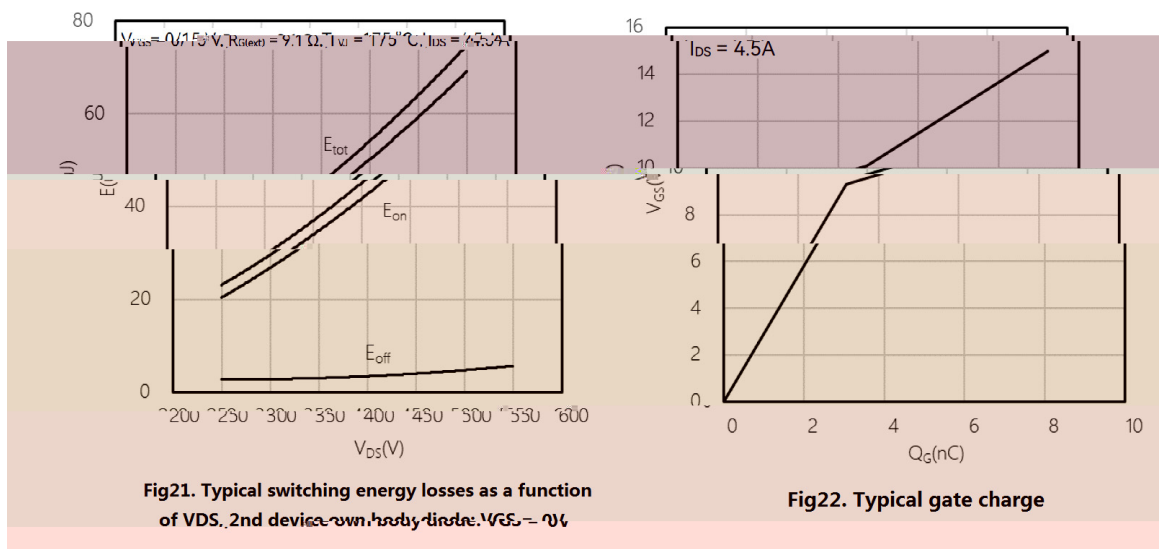
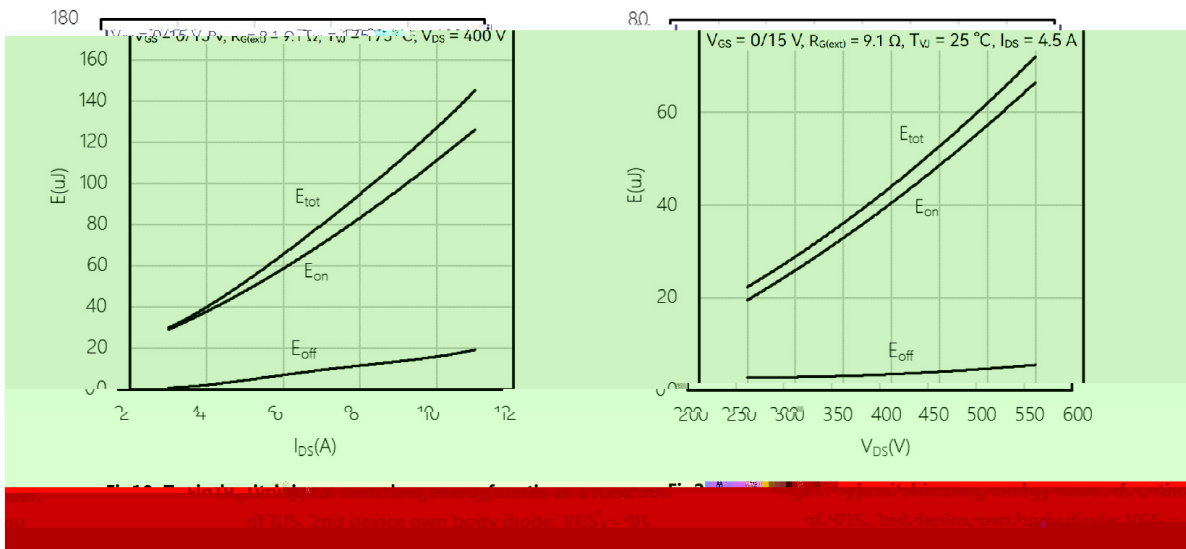
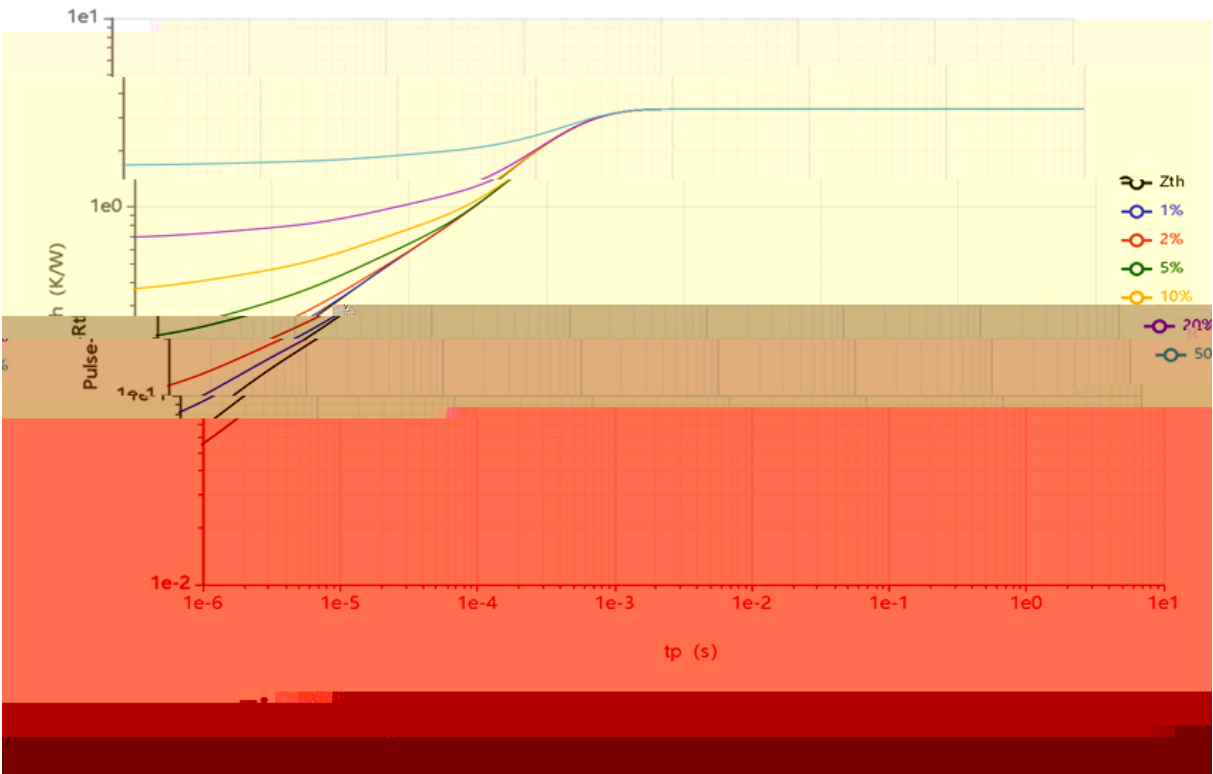


Fig17. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: VGS = 0V

/ Electrical Characteristic Curve

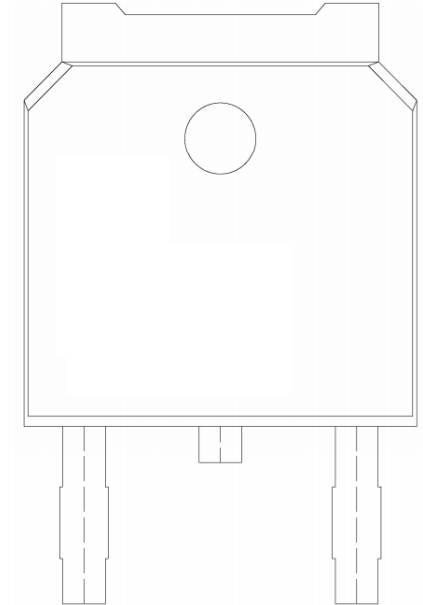


/ Electrical Characteristic Curve



BRSC65R480ZDP

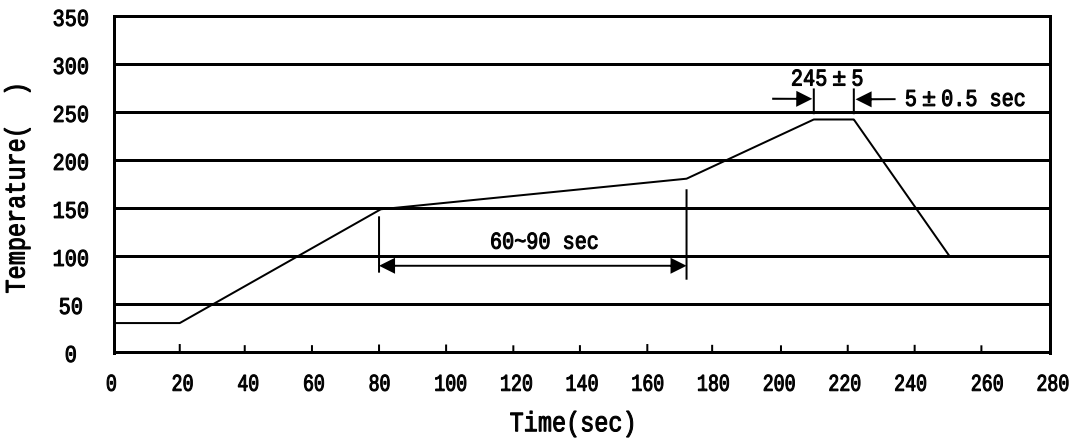
/ Marking Instructions



65R480Z

SC

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± °C

/ Packaging SPEC.

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box

/ Notices