







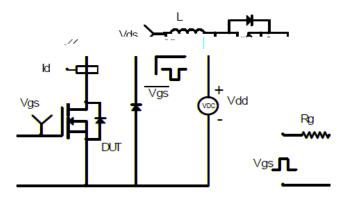
Thermal Resistance

Symbol	Characterizes	Тур.	Max.	Units
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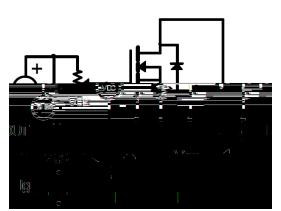


Test Circuits and Waveforms

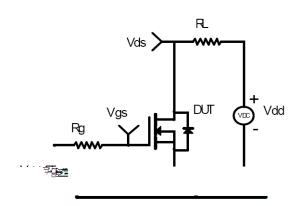
EAS Test Circuit:



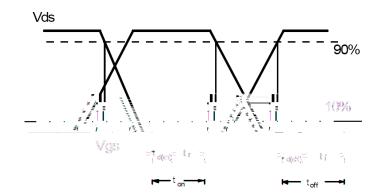
Gate Charge Test Circuit:



Switching Time Test Circuit:



Switching Waveforms:

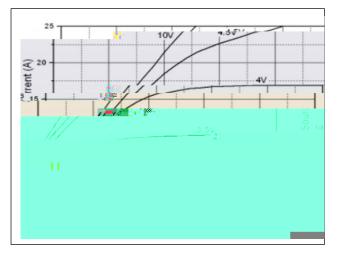


Notes:

- 7 Calculated continuous current based on maximum allowable junction temperature.
- 8 Repetitive rating; pulse width limited by max. junction temperature.
- 9 The power dissipation PD is based on max. junction temperature, using junction-to-case thermal resistance.
- : The value of R $_{\rm A}$ is measured with the device mounted on 1 in 2 FR-4 board with 2oz. Copper, in a still air environment with TA =25



Typical Electrical and Thermal Characteristics



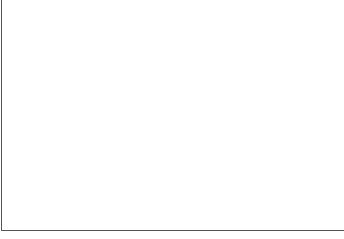


Figure 1. Typical Output Characteristics

Figure2.Typical On-Resistance vs. Drain Current and Gate Voltage

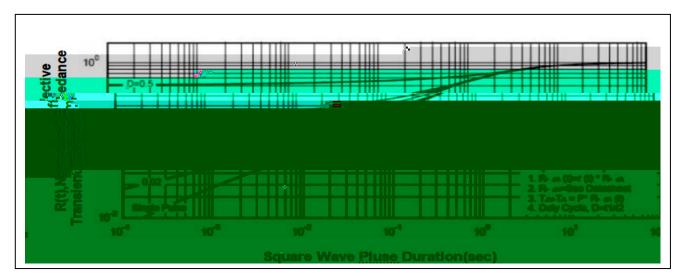
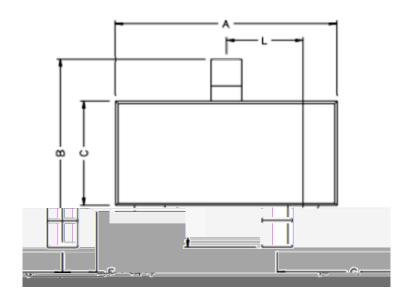


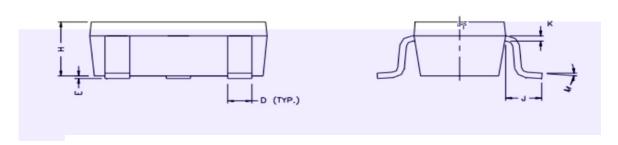
Figure 3. Normalized Maximum Transient Thermal Impedance



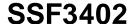
Mechanical DataÖ

SOT-23 Package Outline(Unit:mm)





REF.	Millimeter		REF.	Millimete	
I KEI.	.Min.	Máx.	T IXEL.	Miñ.	ı∕láx.
Α	2.80	3.00	G	1.80	2.00
_ G	2.30	2.50	H	0.90	1.1
С	1.20	1.40	K	0.10	0.20
D	0.30	0.50	J	0.35	0.70
E	0	0.10	L	0.92	0.98
F	0.45	0.55	М	0°	10°





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