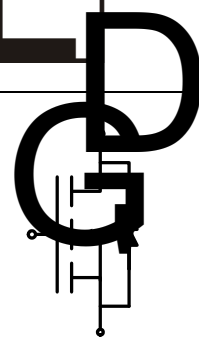
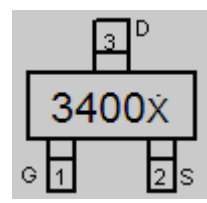




Description
 General Notes
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Schematic diagram



Marking and pin assignment



SOT-23 top view

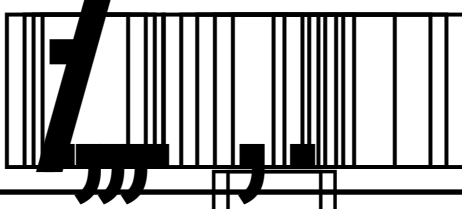
Device	Device Package	Reel	Tap width	Quantity

Absolute Maximum Ratings (T_A=25 unless otherwise noted)

Parameter	Symbol	Limit	Unit
Forward Current	I _F	50	A
Reverse Current	I _R	1	μA
Thermal Characteristic	θ _{JC}	62	°C/W

Electrical Characteristics (T_A=25 unless otherwise noted)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F = 10 mA	0.7	0.8	1.0	V
Reverse Voltage	V _R	I _R = 10 μA	0	0	5	V
Capacitance	C _J	f = 1 MHz	0	4	5	pF



Typical Electrical and Thermal Characteristics

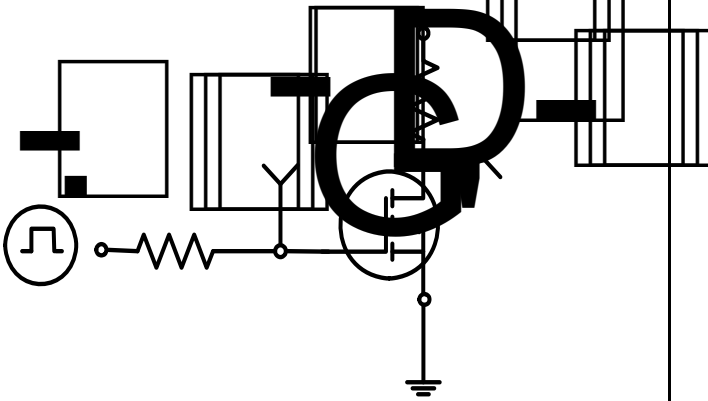


Figure 1: Switching Test Circuit



Figure 2: Switching Waveforms

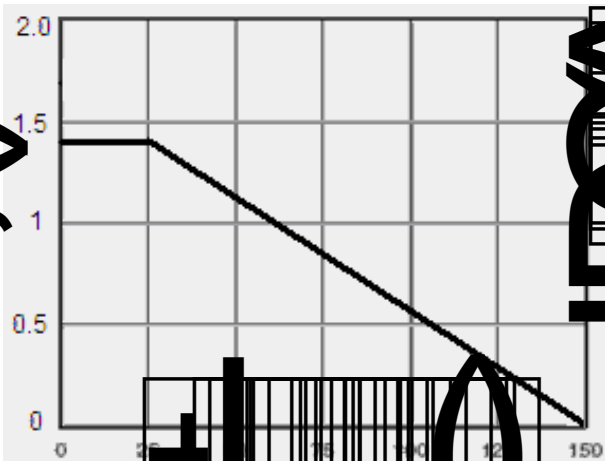


Figure 3 Power Dissipation

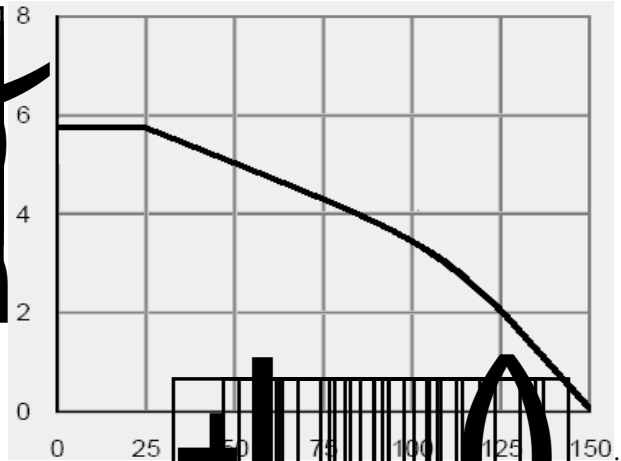


Figure 4 Drain Current

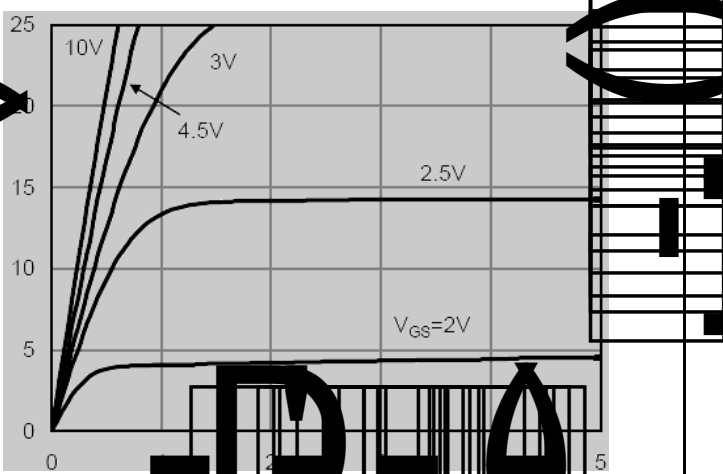


Figure 5 Output Characteristics

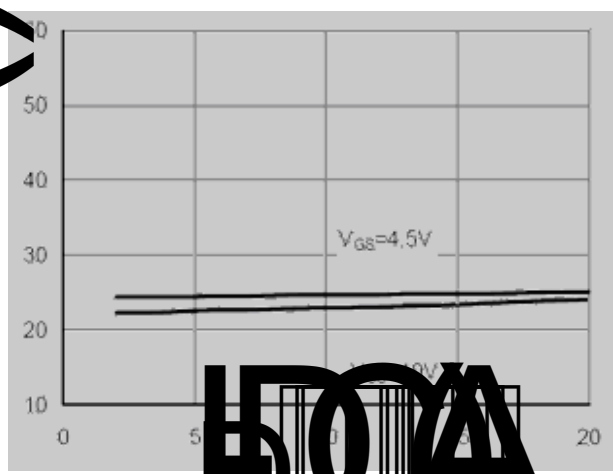


Figure 6 Drain-Source On-Resistance

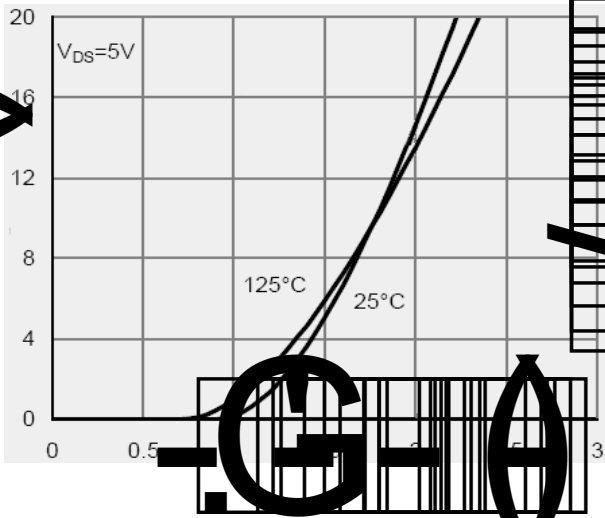


Figure 7 Transfer Characteristics

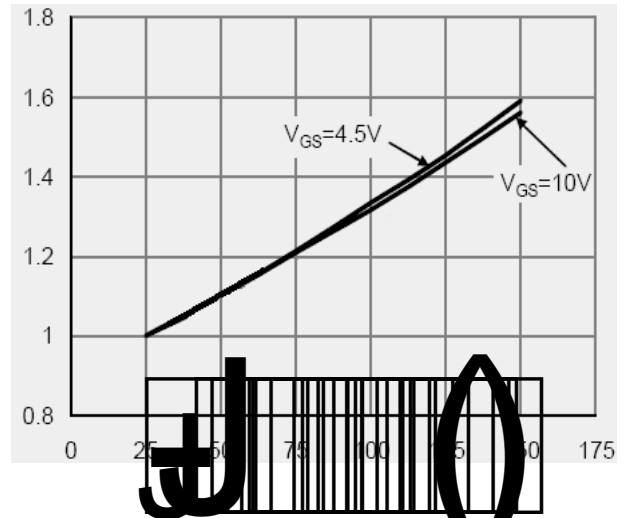


Figure 8 Drain-Source On-Resistance

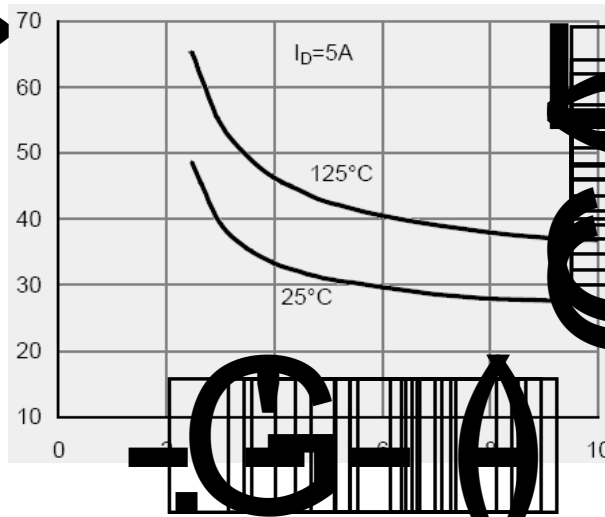


Figure 9 Rds(on) vs Vgs

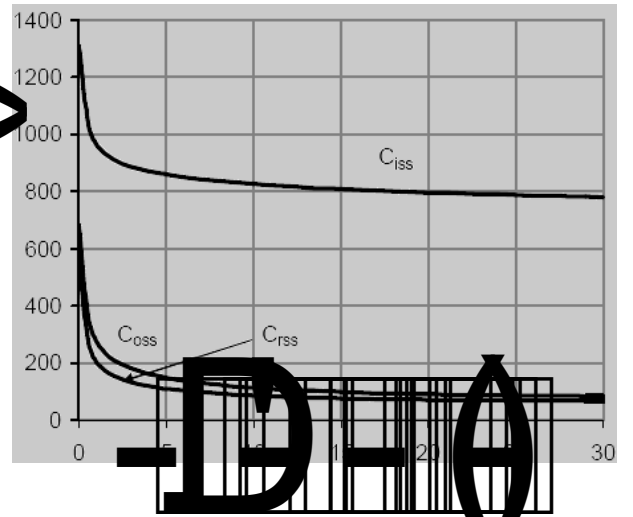


Figure 10 Capacitance vs Vds



Figure 11 Gate Charge

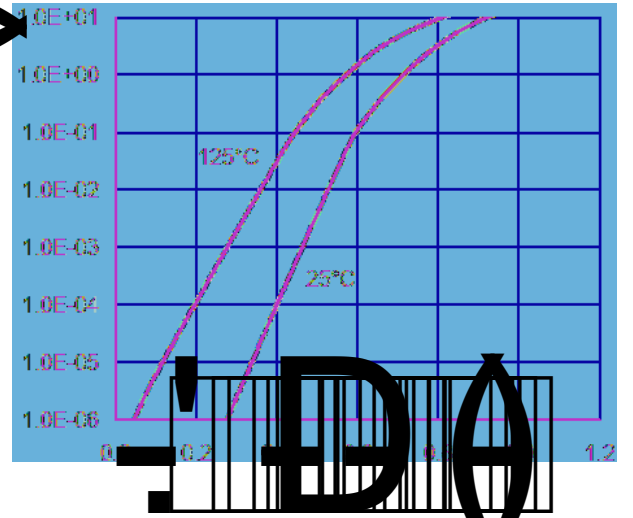


Figure 12 Source- Drain Diode Forward

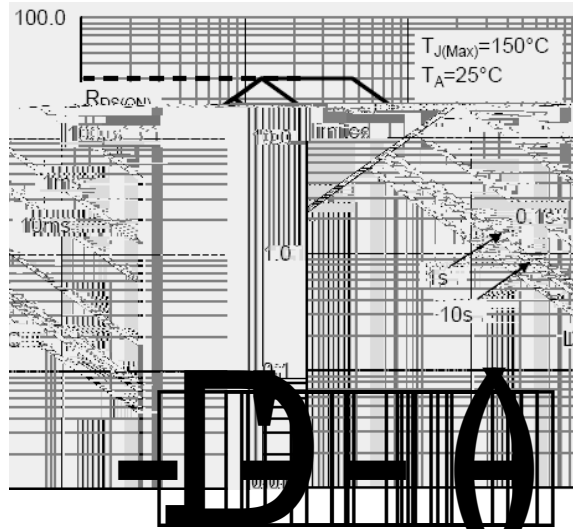


Figure 13 Safe Operation Area

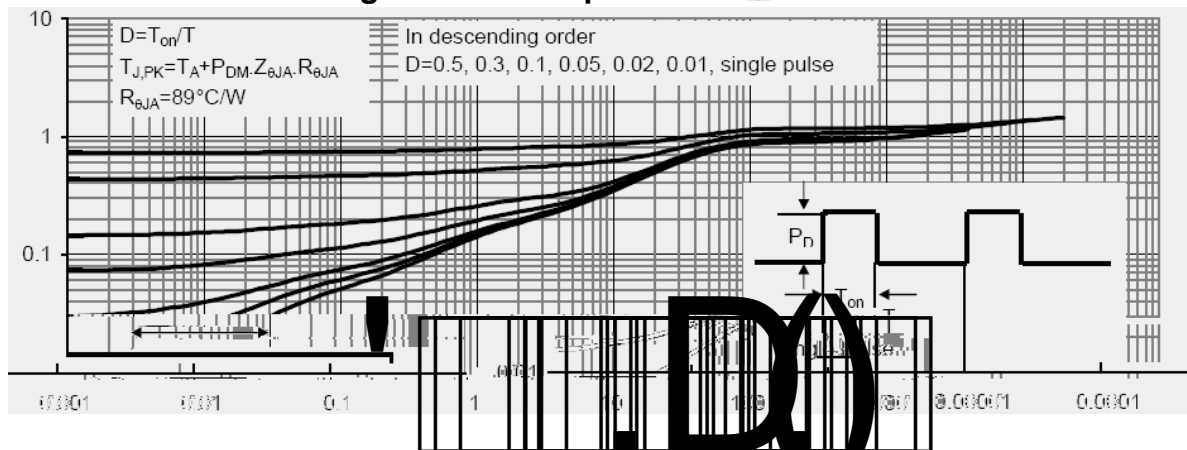
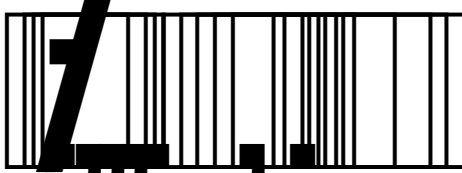


Figure 14 Normalized Maximum Transient Thermal Impedance



Attention

- 1. 請務必認準產品型號，以免錯誤安裝。
- 2. 請務必認準產品型號，以免錯誤安裝。
- 3. 請務必認準產品型號，以免錯誤安裝。
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