

/ Descriptions

VRS0; MM Q Sr z hu Wuhqfk P RV x j ŵ Z 1

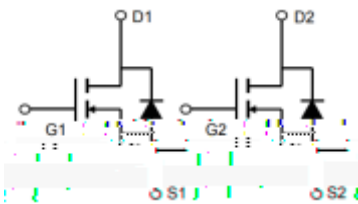
/ Features

ŋ f β

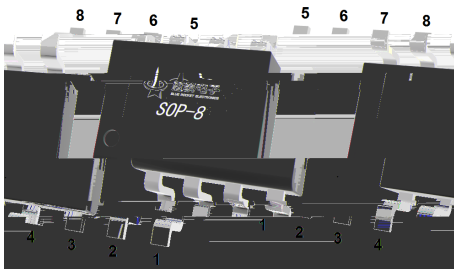
/ Applications

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/ Equivalent Circuit



/ Pinning



X	X	X	X
X	X	X	X

/ Marking

M 1 "

/ Electrical Characteristics(Ta=25)

V_{DD}	I_N	I_{T1}	$\omega_{n\theta}$	$\varepsilon_{z\theta}$	$\omega_{z\theta}$	DH

/ Electrical Characteristic Curve

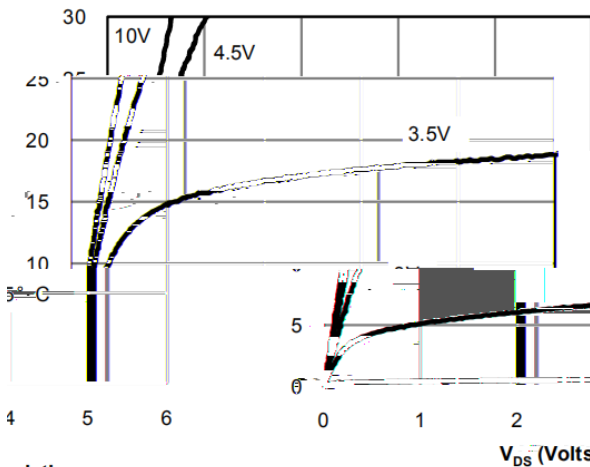


Fig 1: On-Region Characteristics

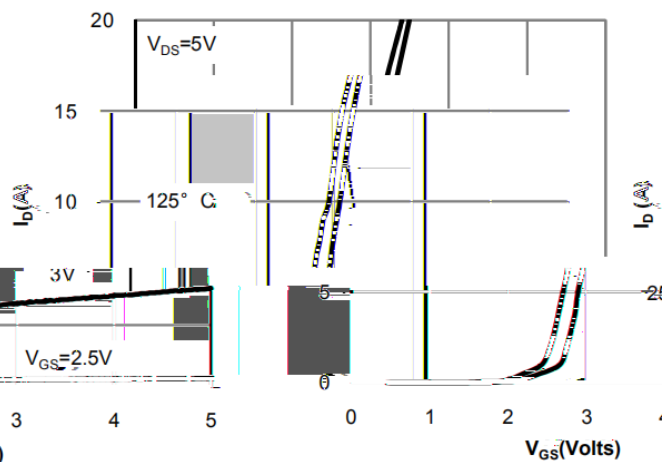


Figure 2: Transfer Characteristics

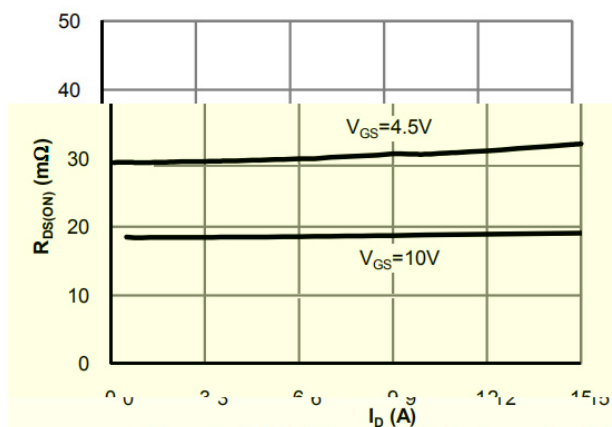


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

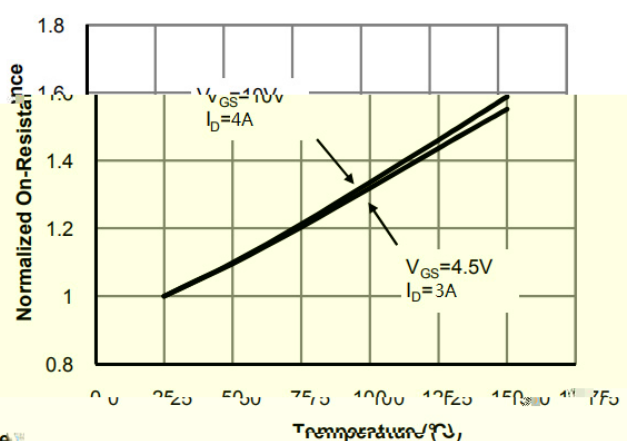


Figure 4: On-Resistance vs. Junction Temperature

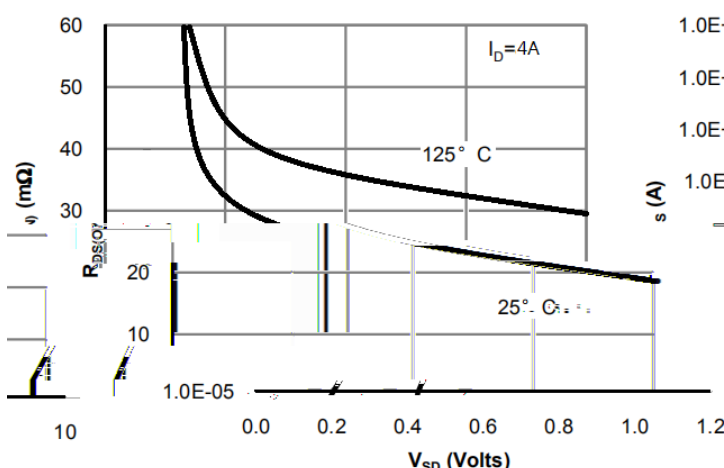


Figure 6: Body-Diode Characteristics

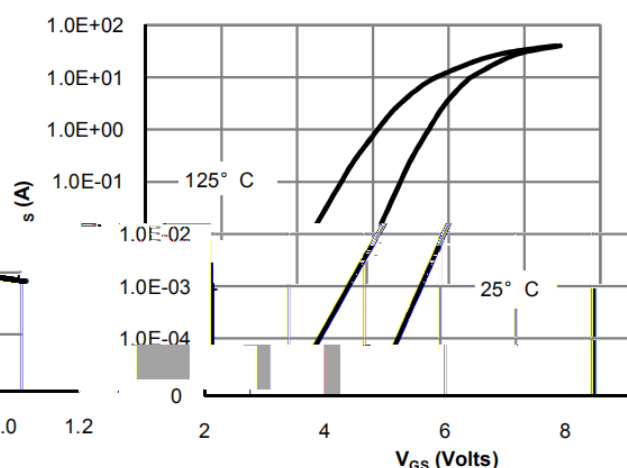


Figure 5: On-Resistance vs. Gate-Source Voltage

/ Electrical Characteristic Curve

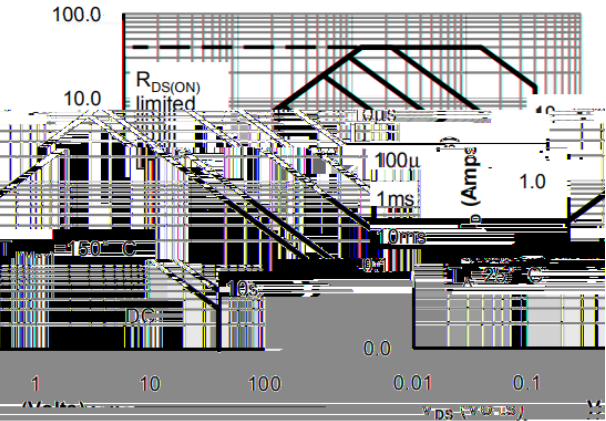
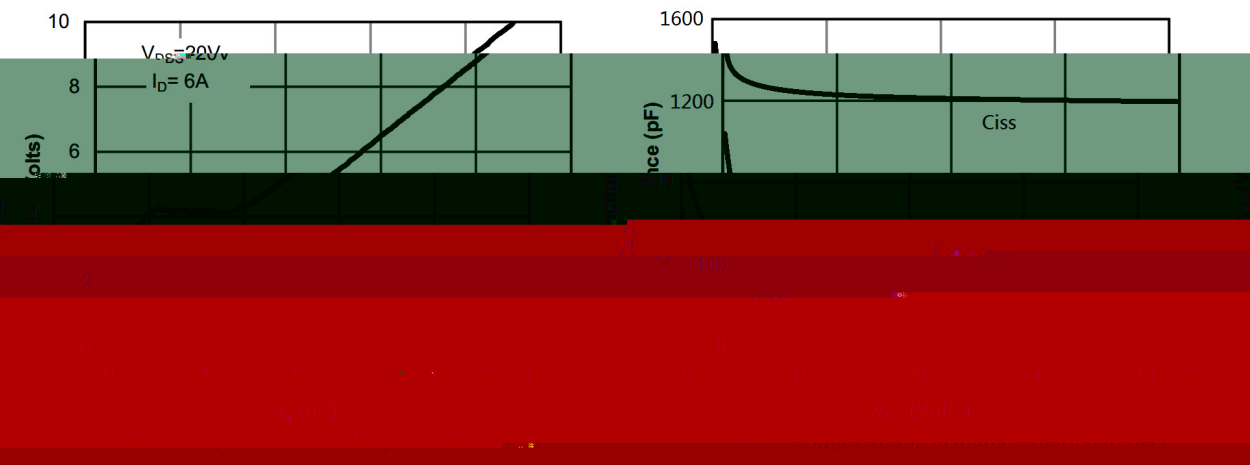


Figure 9 : Maximum Forward Bias Safe Operating Area

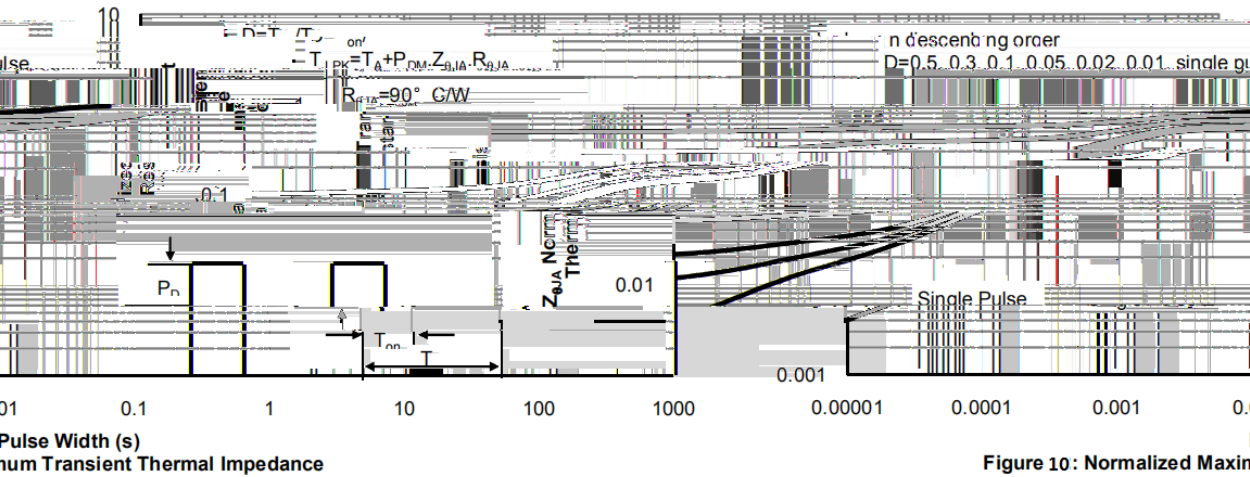
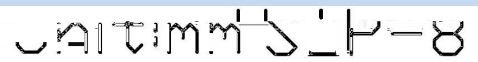


Figure 10: Normalized Maximum Transient Thermal Impedance



, M y f / Marking Instructions

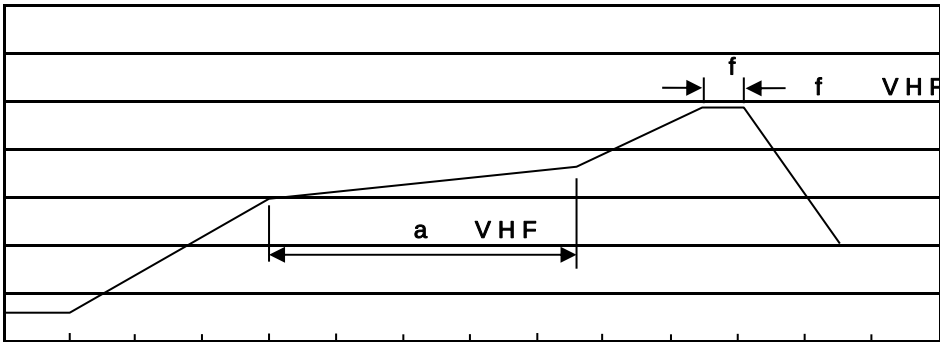
BR
200N04D

^a ¢ y
BR y , [W A
4 * y ° Z W A
y Ÿ D Z W A k Š Ÿ D Z J

Note:
BR: Company Code.
200N04D y Product Type.
***: Lot No. Code, code change with Lot No

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

7HPSHUDWXUH



7LPH VHF

a ç y

- 10• Ä ½ “† 150 ½180 - k ž • 60 ½90sec;
- 20• Q > “† 245 r5 - k ž • 4 Ò 5 r0.5sec;
- 30•D N ò i Ò 0 ,† 2 ½10 - /sec.

Note:

- 1.Preheating:150~180 - , Time:60~90sec.
- 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
- 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“† y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 - Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type 7>û ~ E	Units ;>û H					Dimension ;>û p . (unit Åmm³)		
	Units/Reel /-	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Boxç
SOP/ESOP-8	4,000	2	8,000	6	48,000	13s×12	360×360×50	380×335×366

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