

N-Channel Enhancement Mode Field Effect Transistor

Product Summary

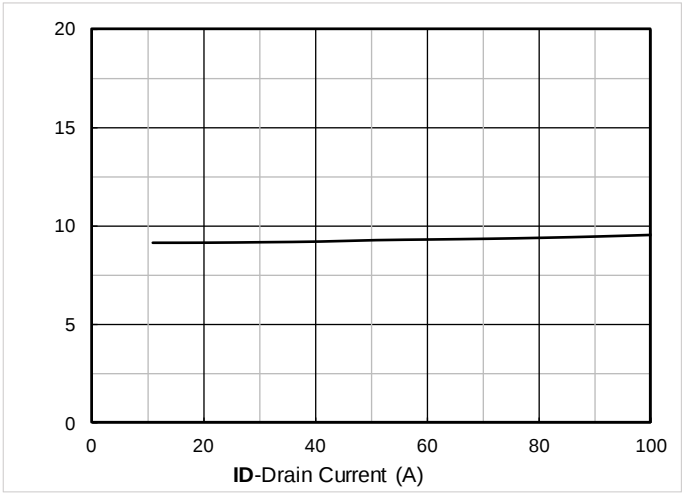
V_{DS}	200V
I_D	99A
$R_{DS(ON)}$ (at $V_{GS}=10V$)	10.7m
100% EAS	

YJB011G20H

Electrical Characteristics

Parameter	Symbol	Conditions	Min	Typ	Max	Units
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Static Parameter



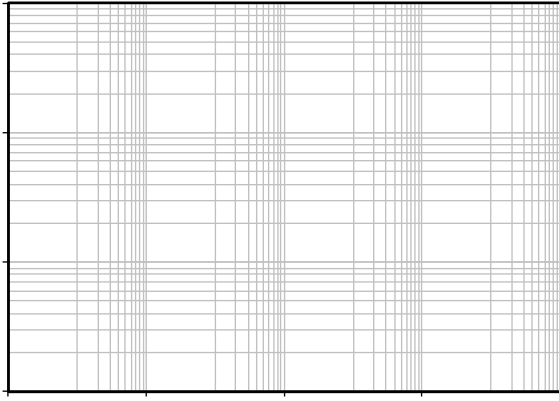


Figure 13. Maximum Transient Thermal Impedance

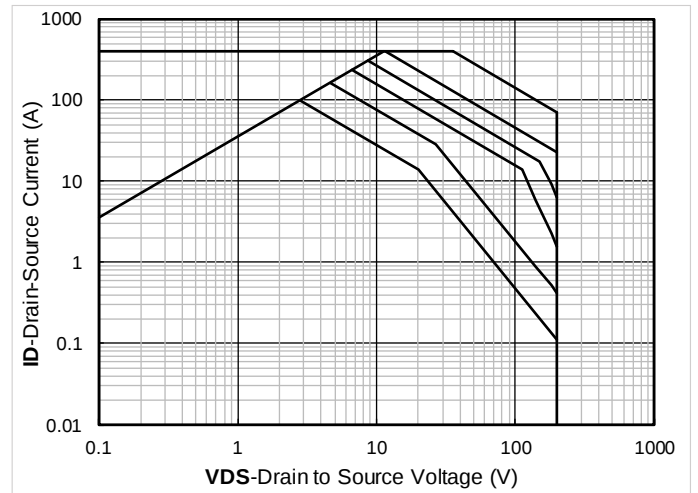


Figure 14. Safe Operation Area

Test Circuits & Waveforms

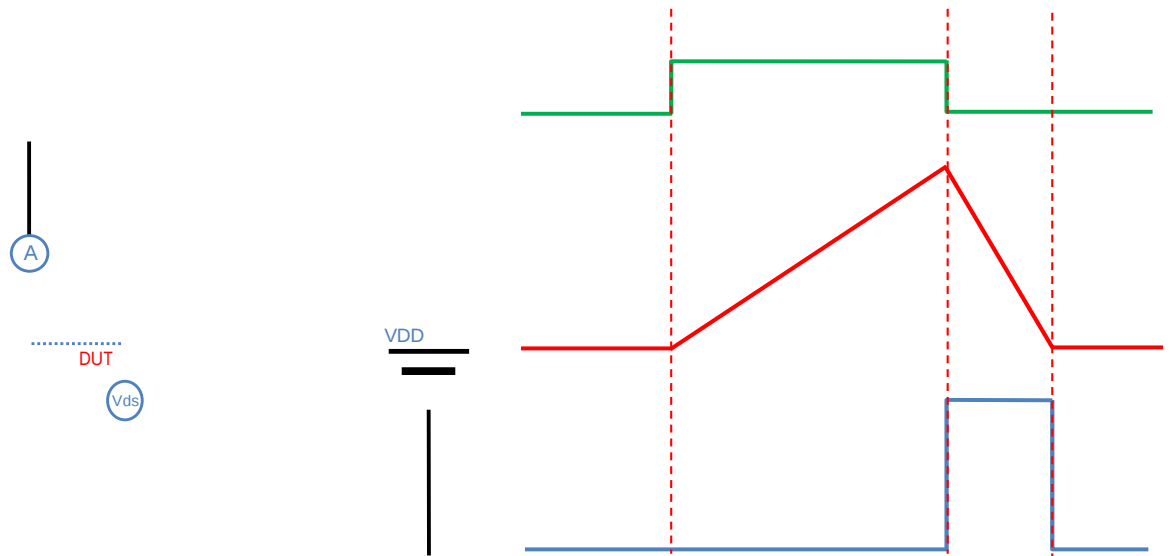


Figure A. Unclamped Inductive Switching (UIS) Test Circuit & Waveform

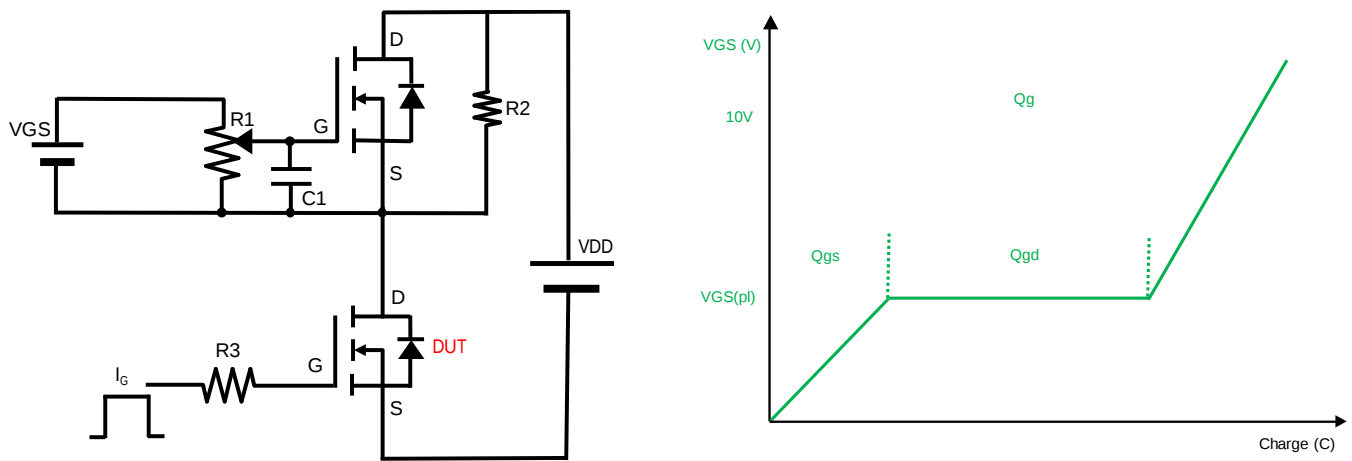


Figure B. Gate Charge Test Circuit & Waveform

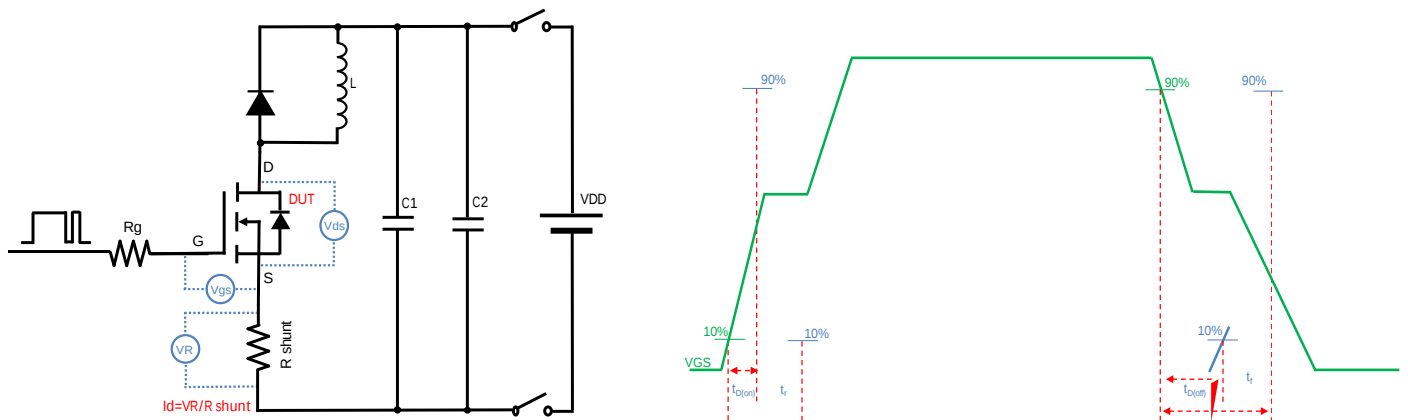
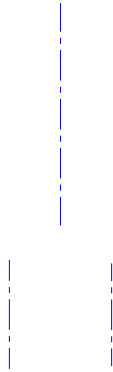
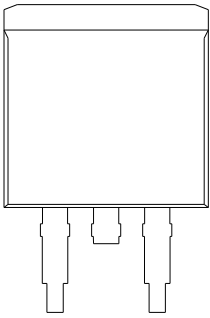


Figure C. Resistive Switching Test Circuit & Waveform

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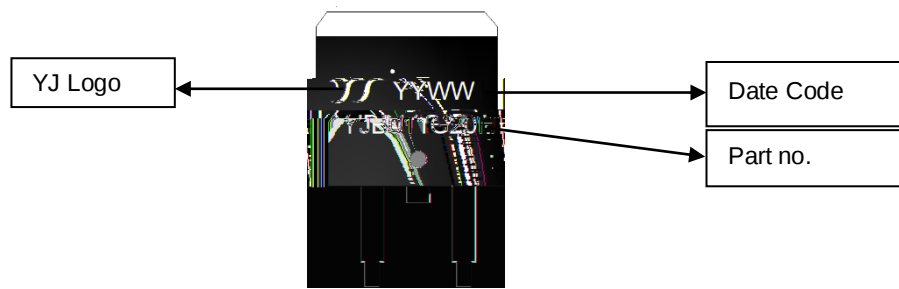
TO-263-B Package information



UNIT mm

NOTE:
1.PACKAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS.
2.TOLERANCE 0.1mm UNLESS OTHERWISE SPECIFIED.
3.THE PAD LAYOUT IS FOR REFERENCE PURPOSES ONLY.

Marking Information



Note

1. All marking is at middle of the product body
2. All marking is in laser printing
3. YJB011G20H is part no., YYWW is date code,
4. Body color: Black

Disclaimer

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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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