SG2M012075BJ

TriQSiC™ 750V Silicon Carbide Power MOSFET G2

Features

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1 Maximum ratings

Table 2 Maximum rating

Symbol	Parameter	Value	Unit	Test Conditions	Note
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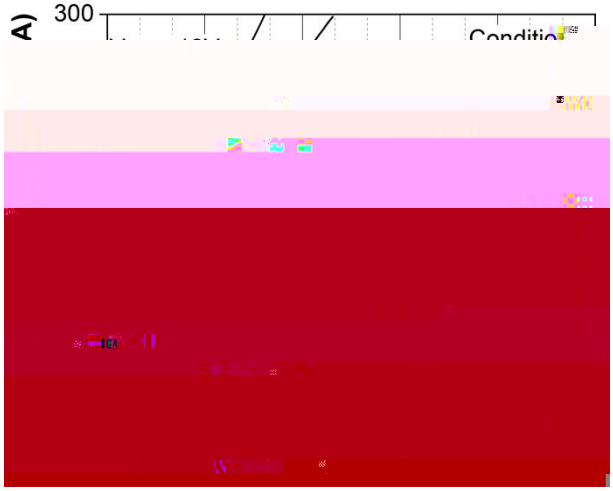
2 Electrical characteristics

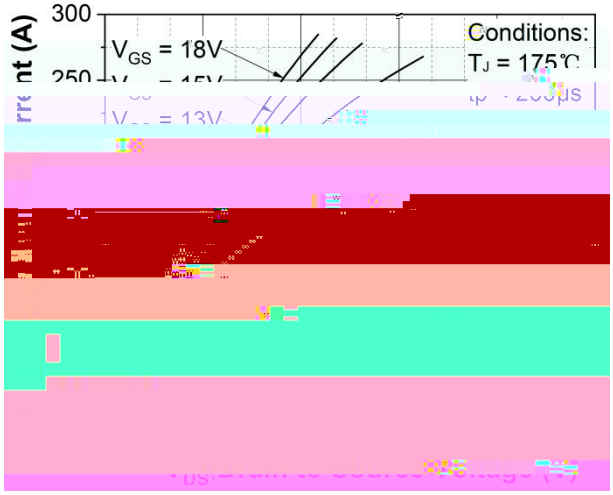
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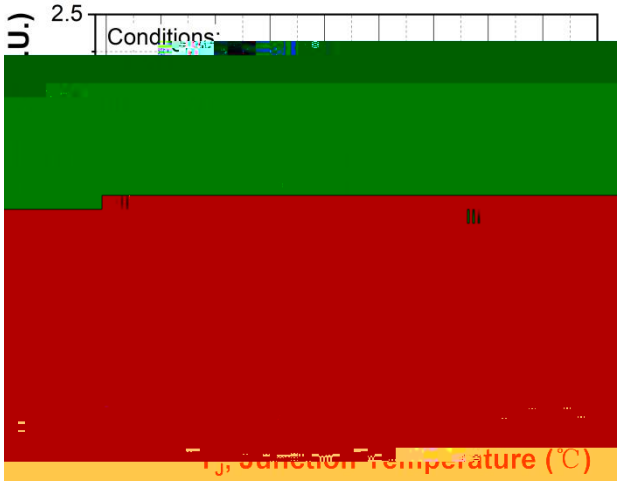
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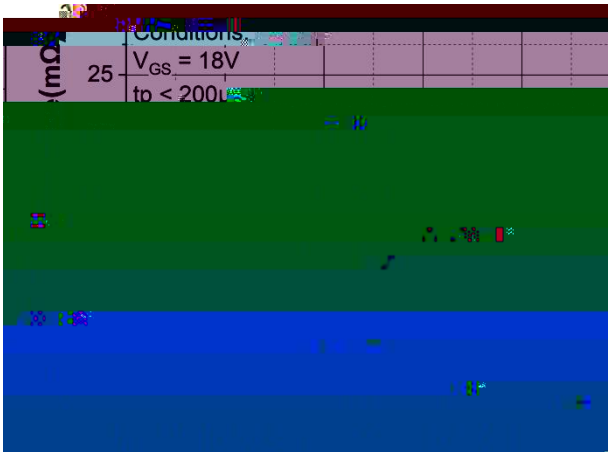
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3 Electrical characteristic diagrams



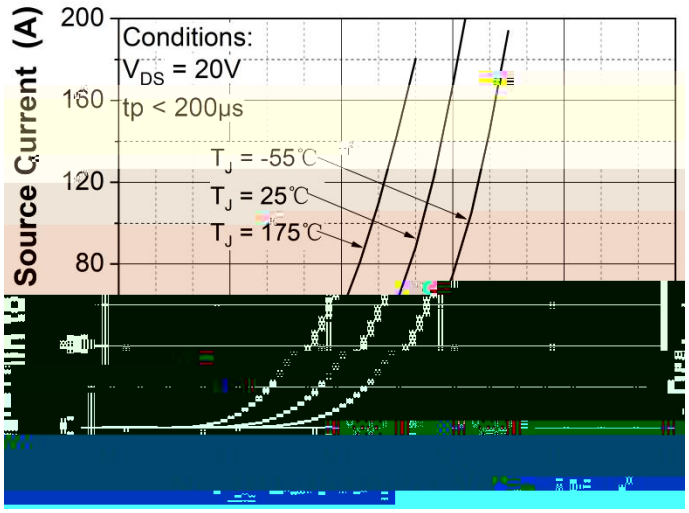


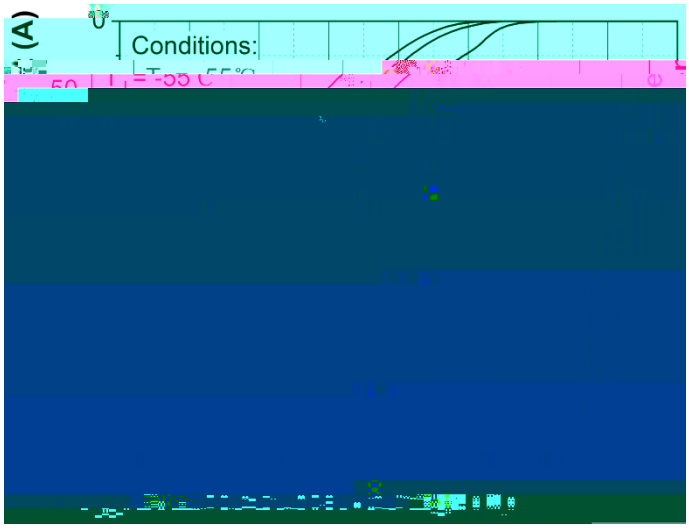


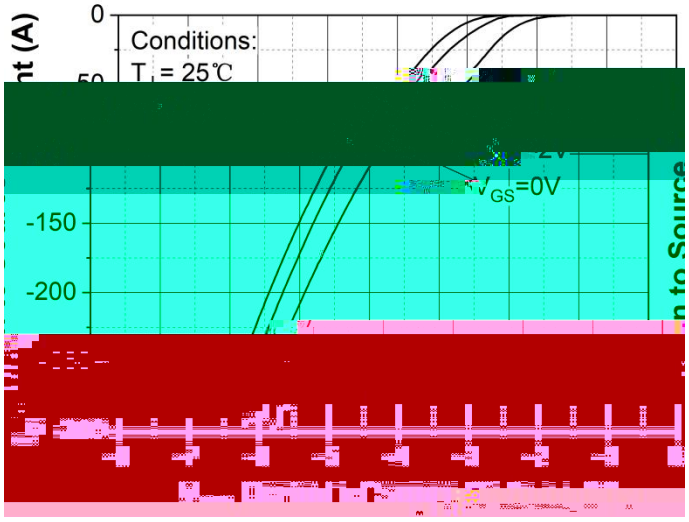


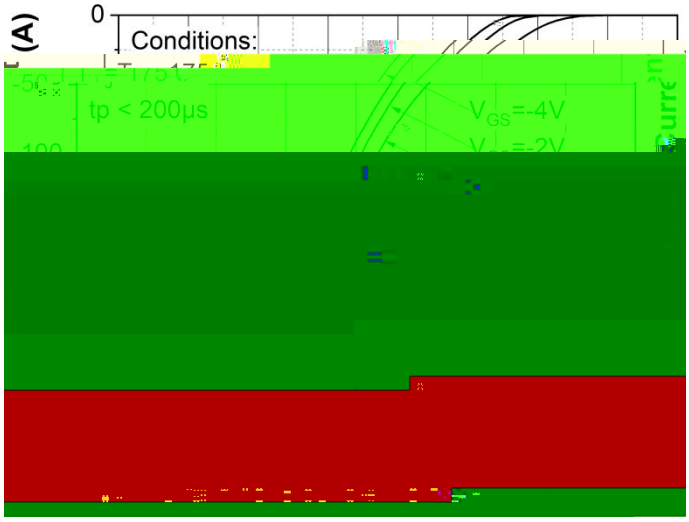


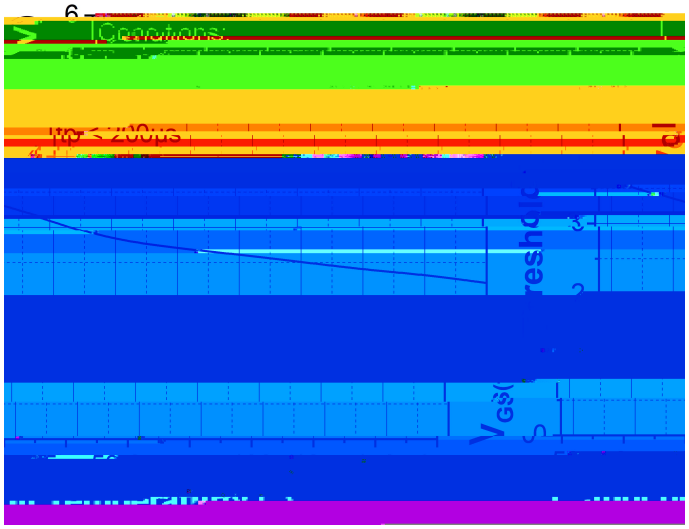
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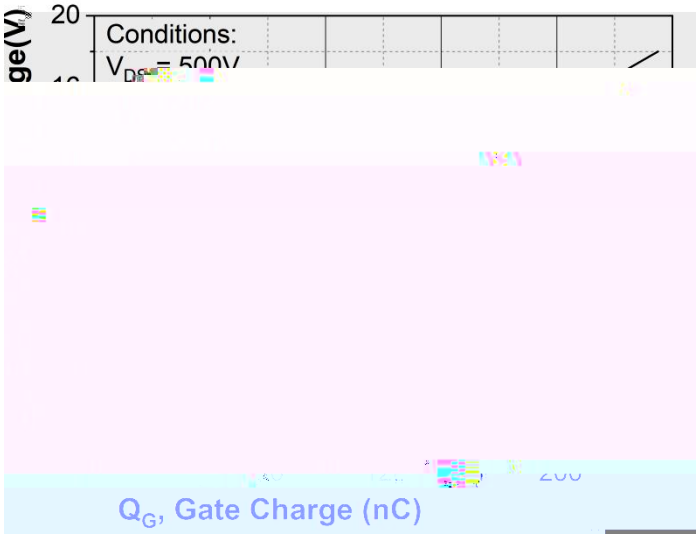




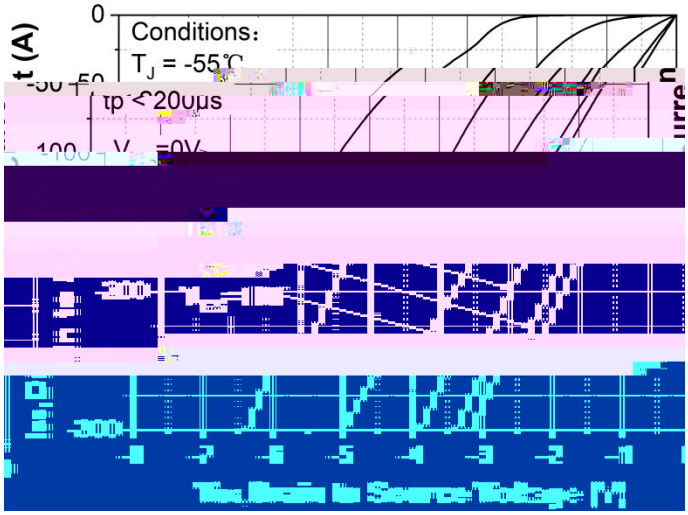


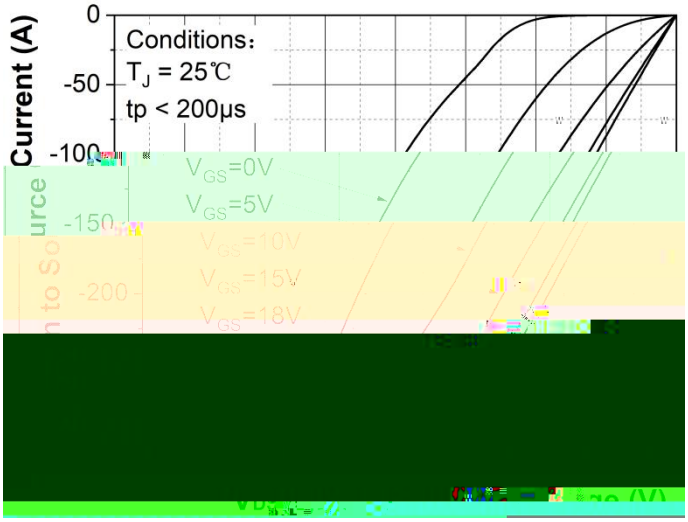


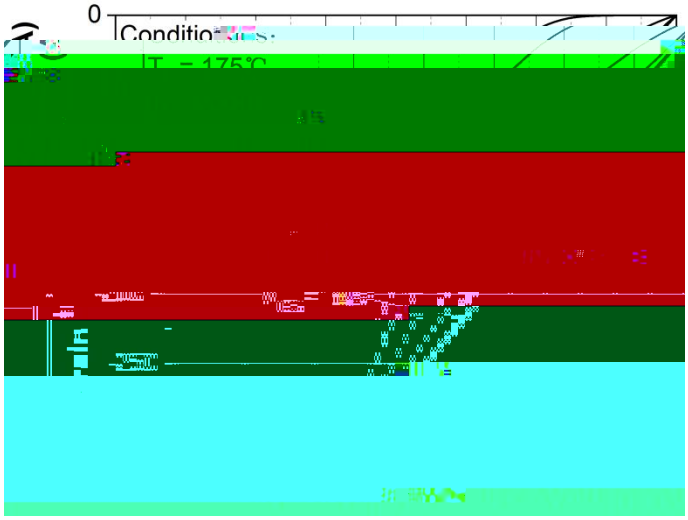


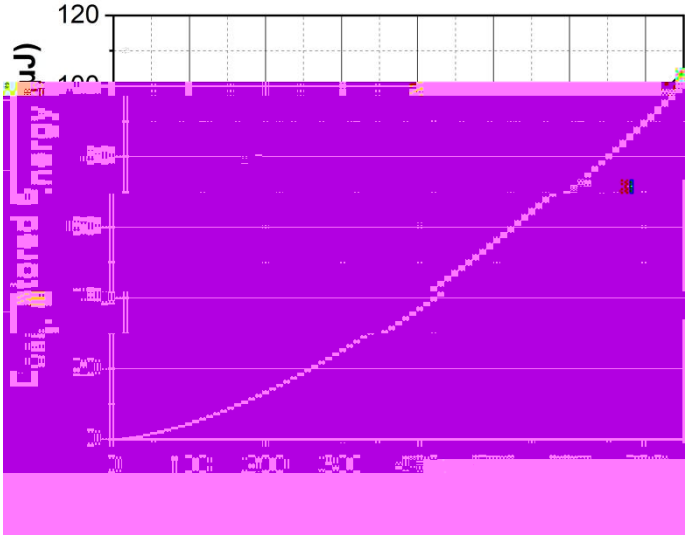


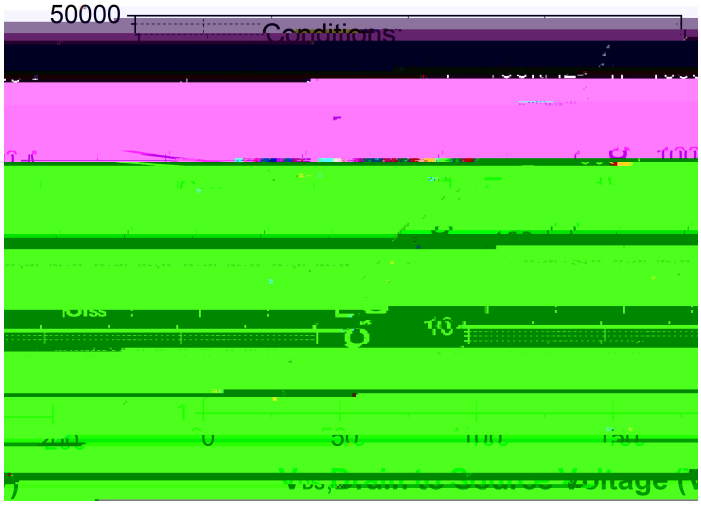
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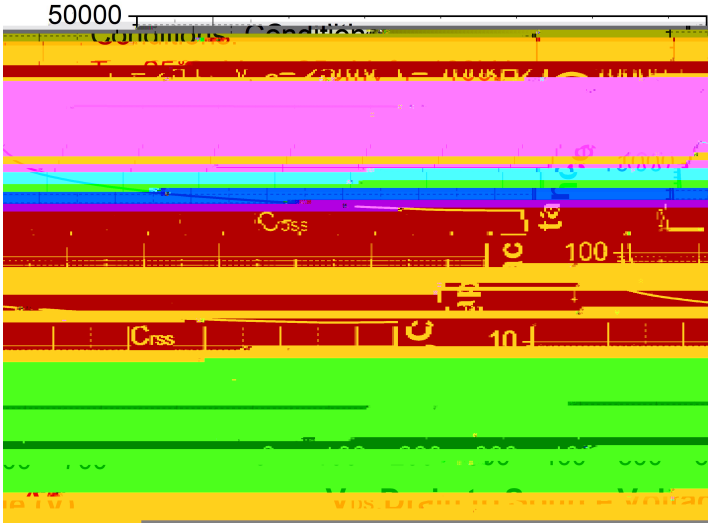












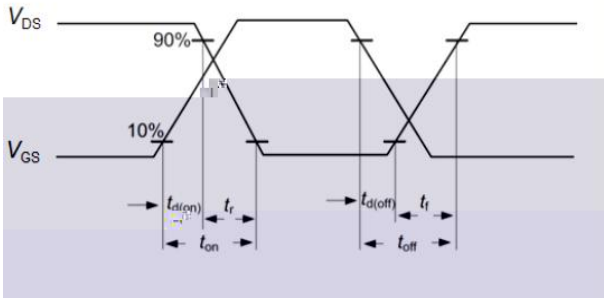
4 Mechanical parameters

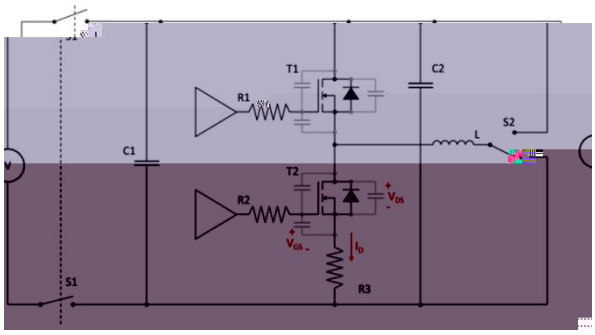
4.1 Dimensions and metallization

Parameter	Typical value	Unit	Metallization	

4.2 Layout

5 Test conditions





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750V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2024-11-2	G	

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