SG2M060075BJ

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

2.1 Static characteristics

Table 4 Static characteristics

Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

2.2 Dynamic characteristics

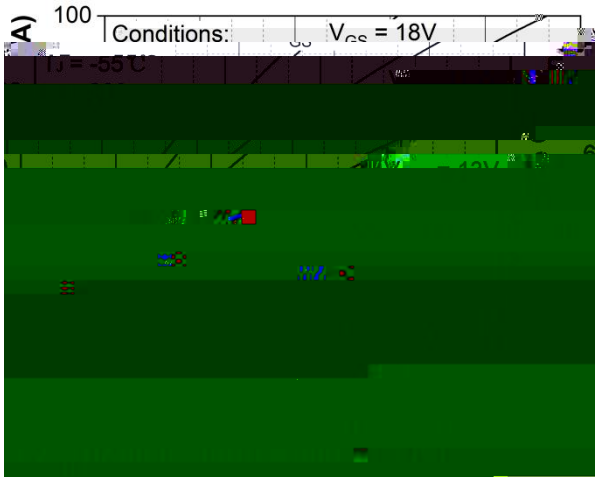
Table 5 Dynamic characteristics

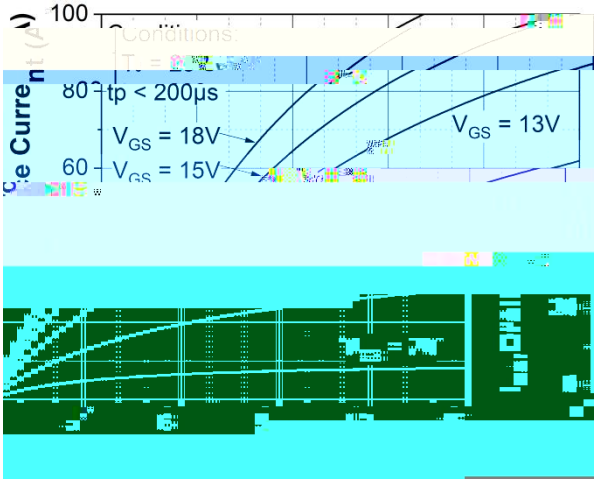
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

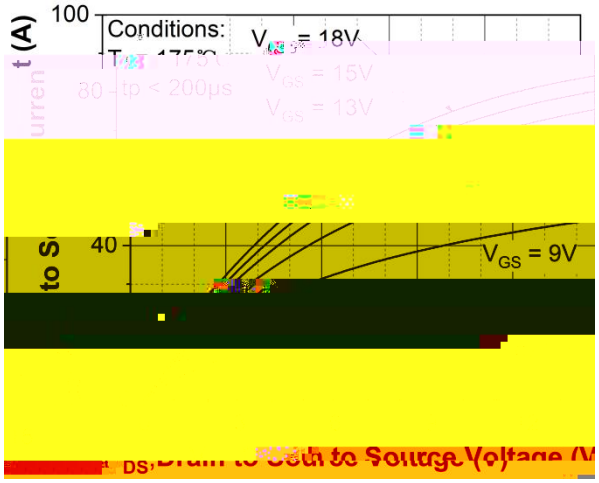
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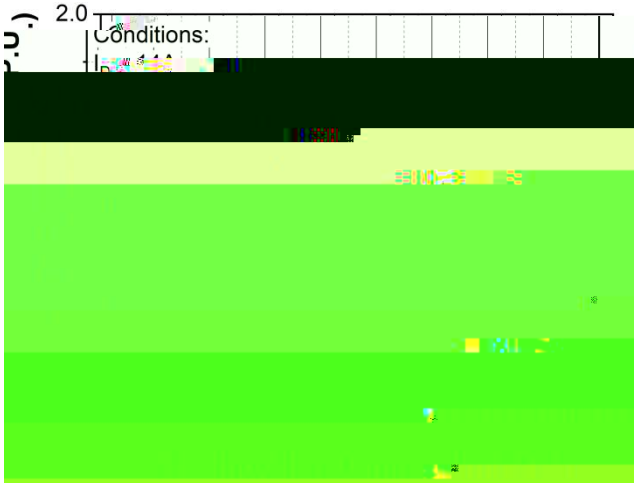
750V SiC Power MOSFET

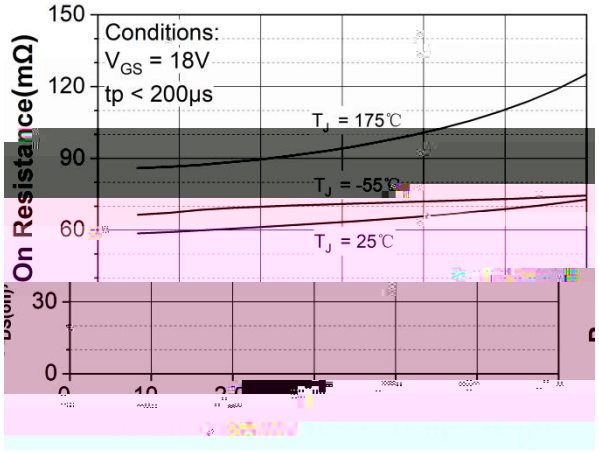
3 Electrical characteristic diagrams

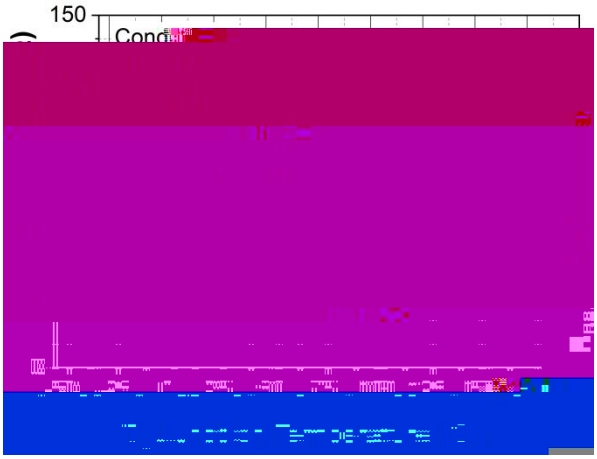




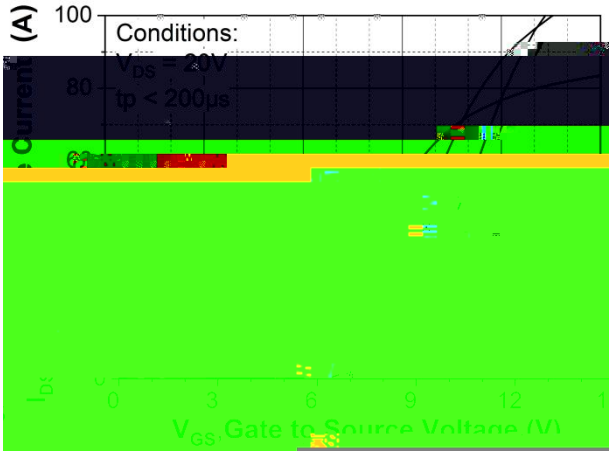


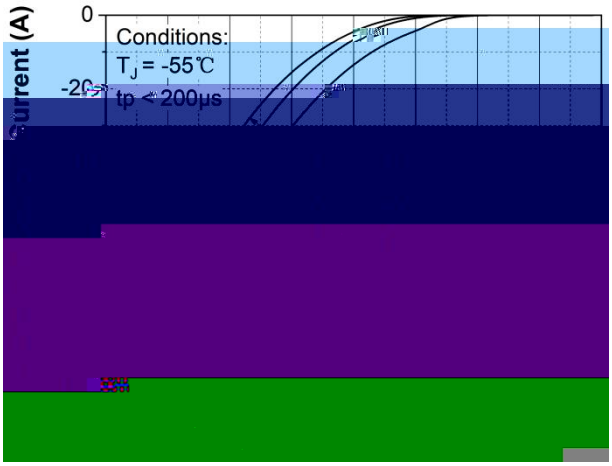


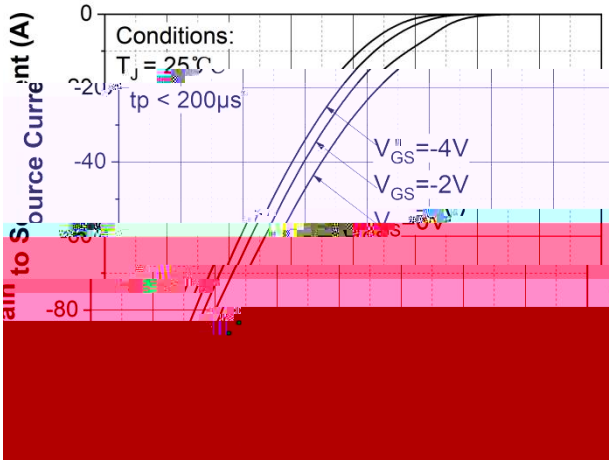


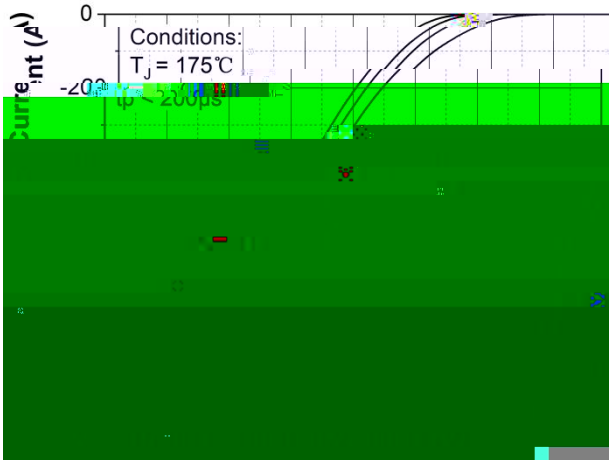


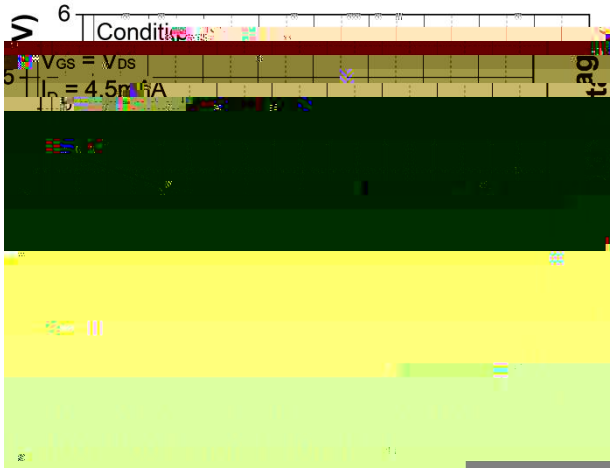
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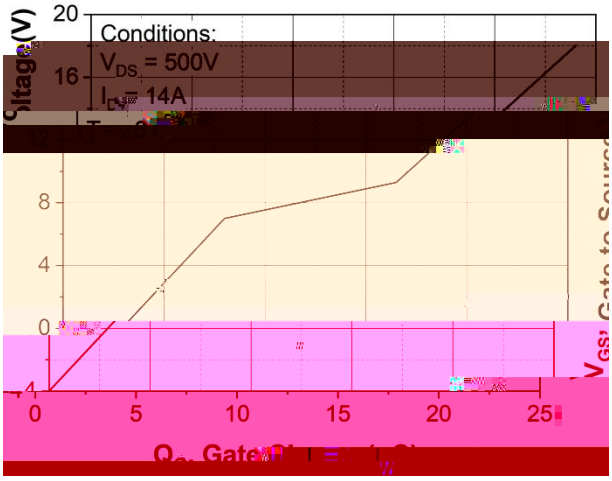




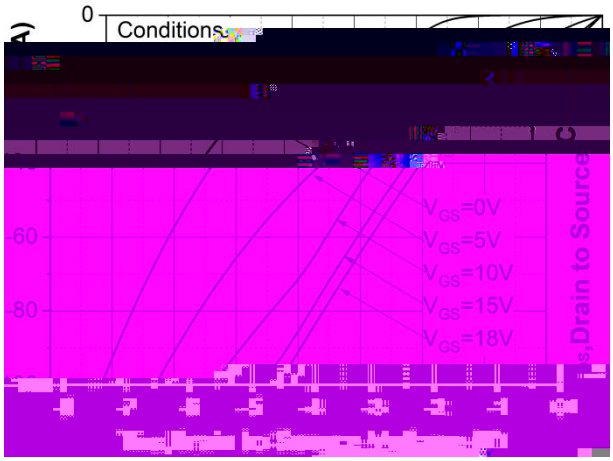


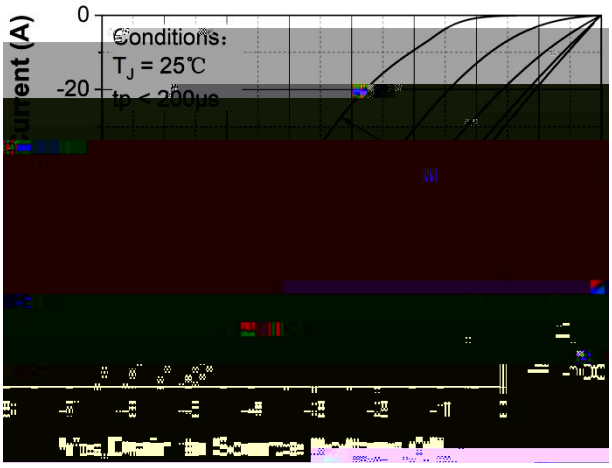


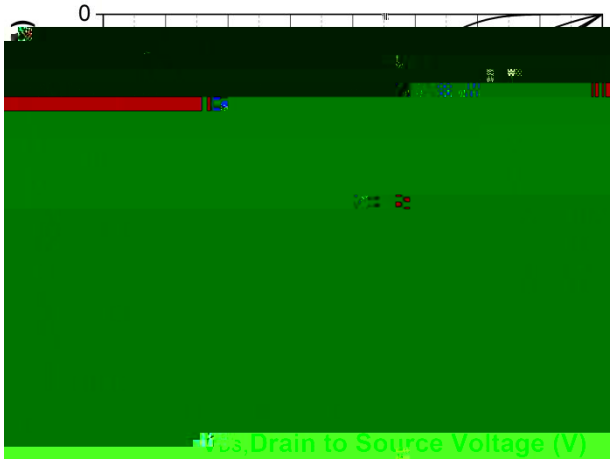


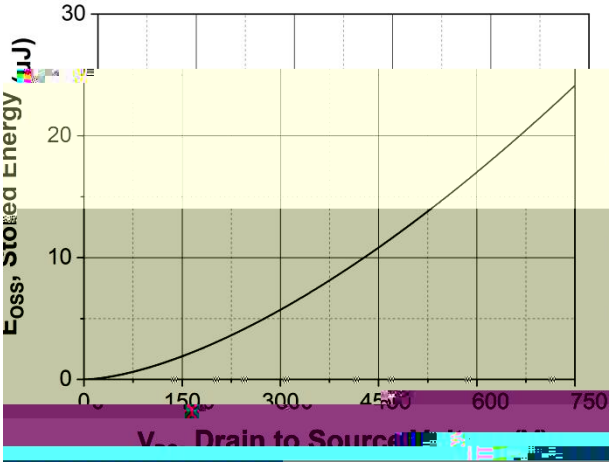


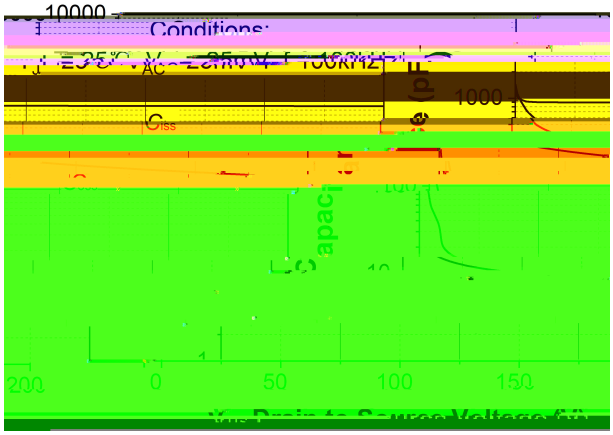
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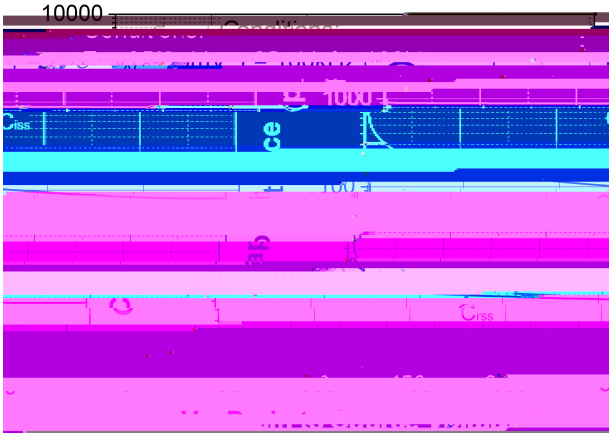










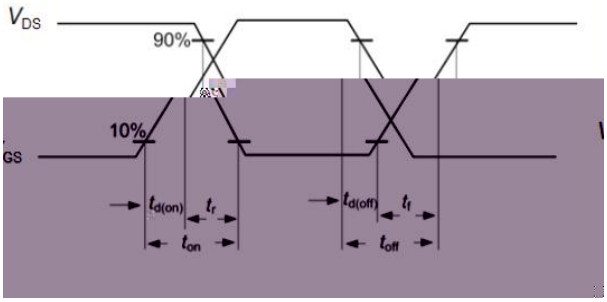


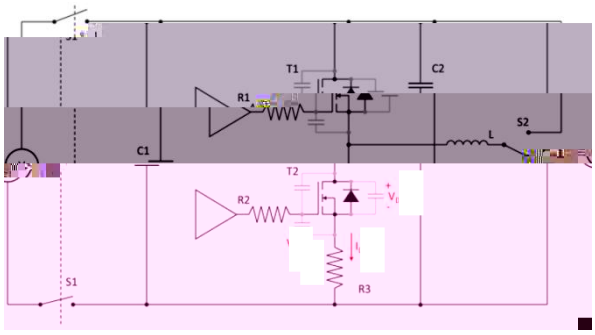
4 Mechanical parameters

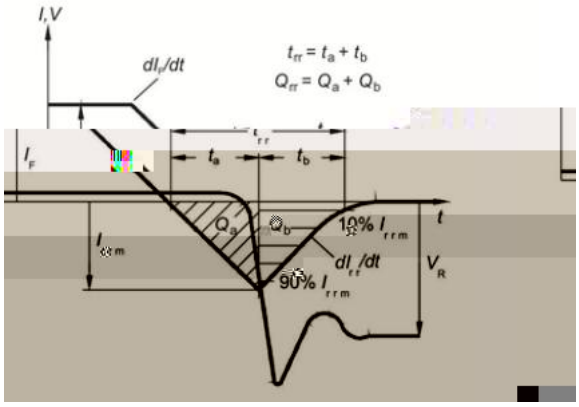
4.1 Dimensions and metallization

Parameter	Typical value	Unit	Metallization

5 Test conditions







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