SG2M[illegible]07[illegible]WJ-A

TriQSiC [illegible] 750V Silicon Carbi[illegible]

Features

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Benefits

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Applications

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Table 1 Key performance and p

SG2M040075WJ-A

1 Maximum ratings

Table 2 Maximum rating

Symbol	Parameter	Value	Unit	Test Conditions	Note
				≤	

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3.3 Switching characteristics

Table 6 Dynamic characteristics

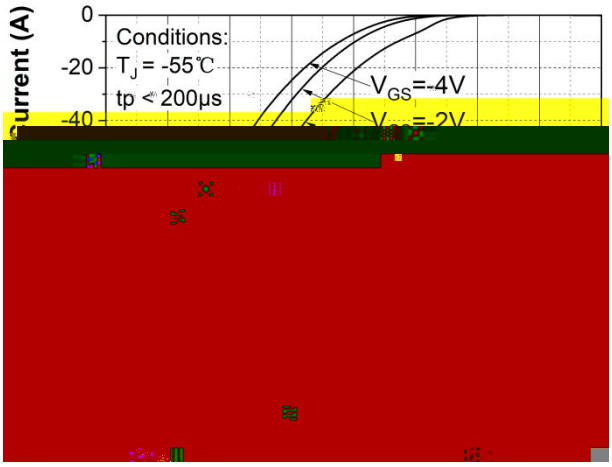
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

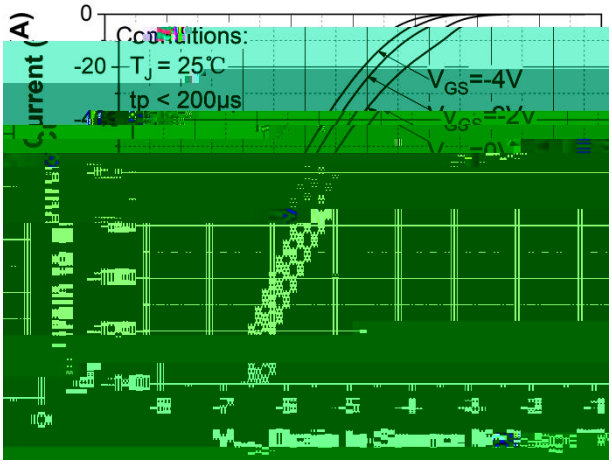
Table 7 Body diode characteristics

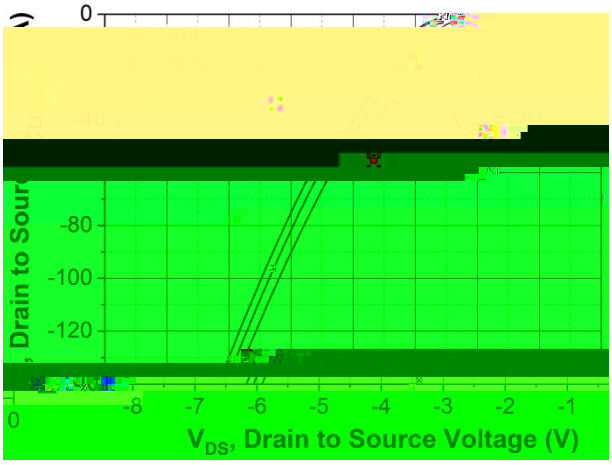
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

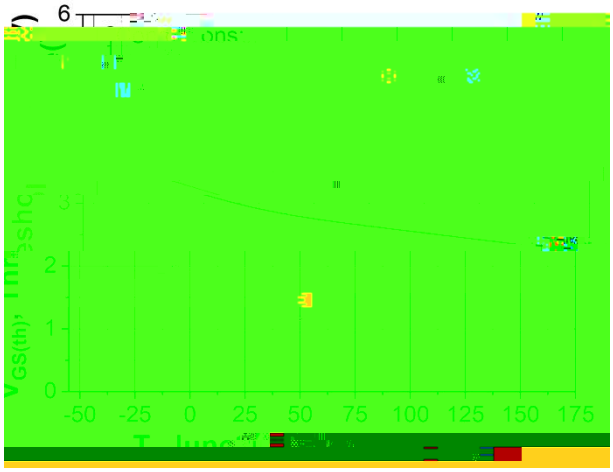
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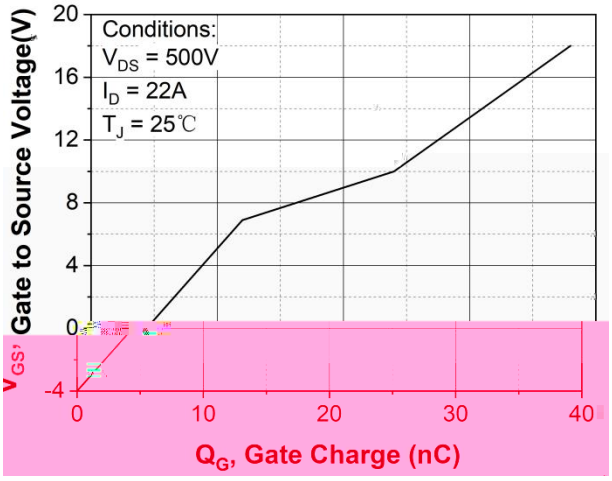




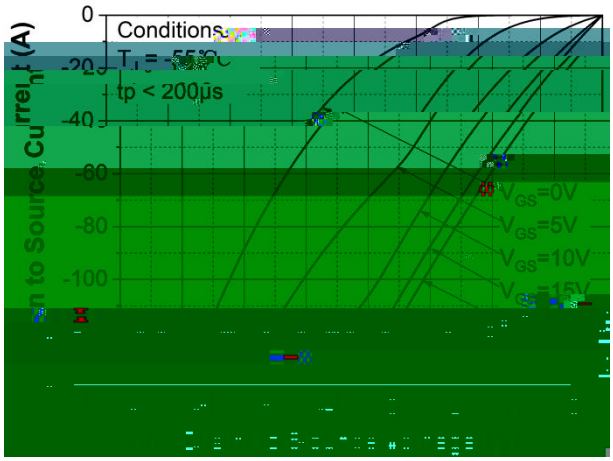


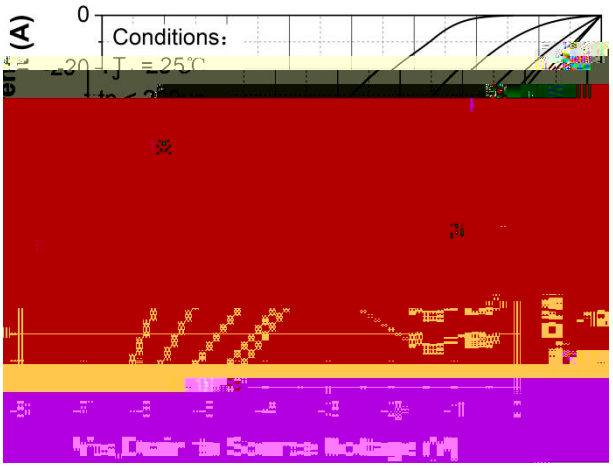


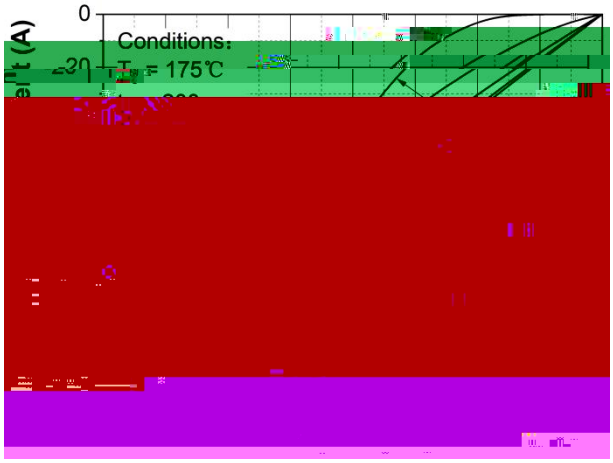


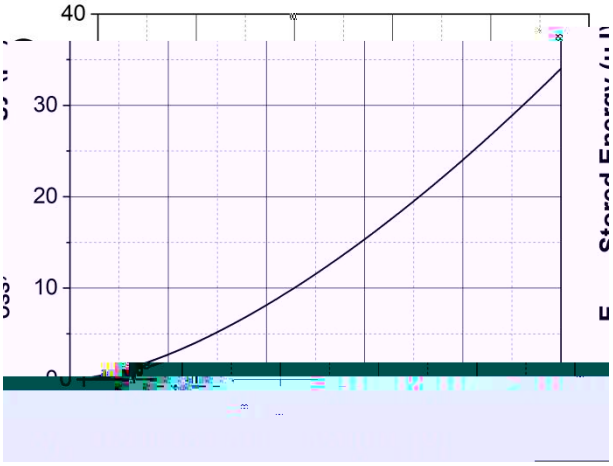


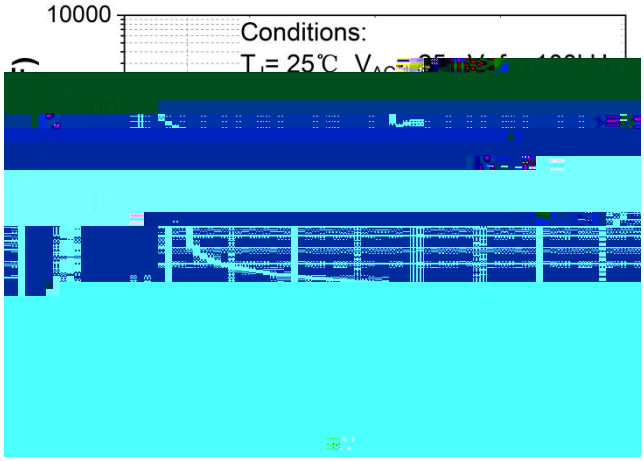
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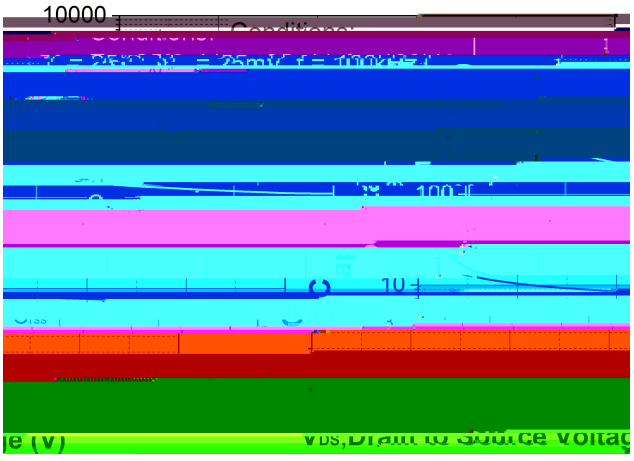






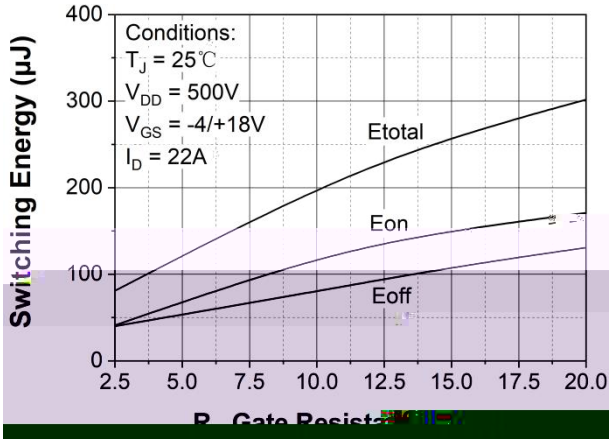


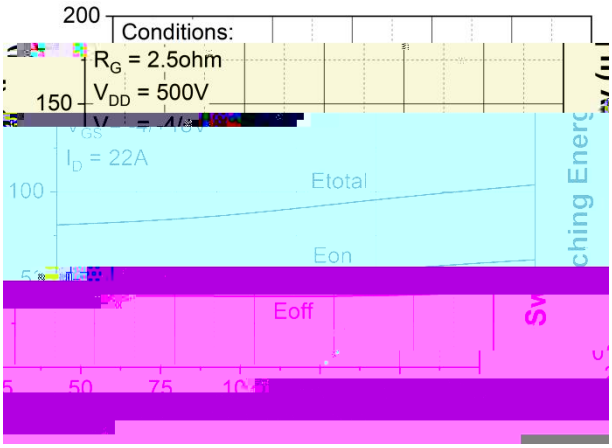


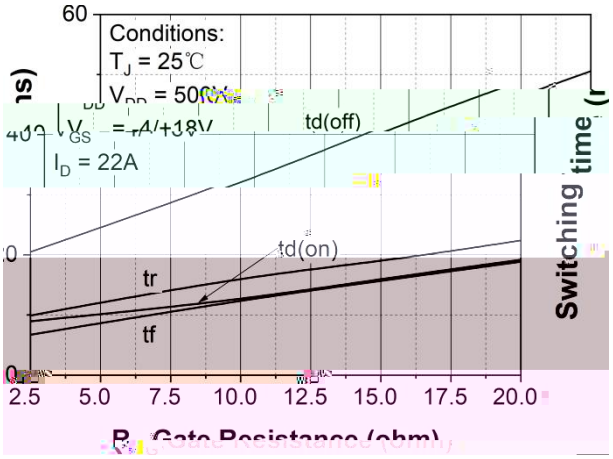


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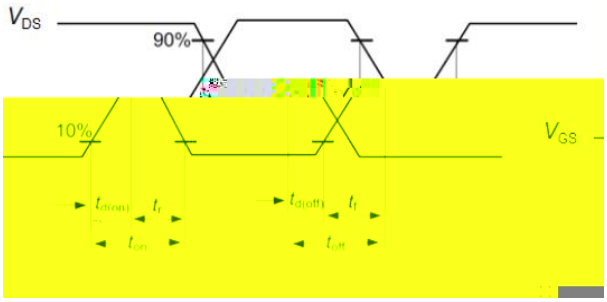


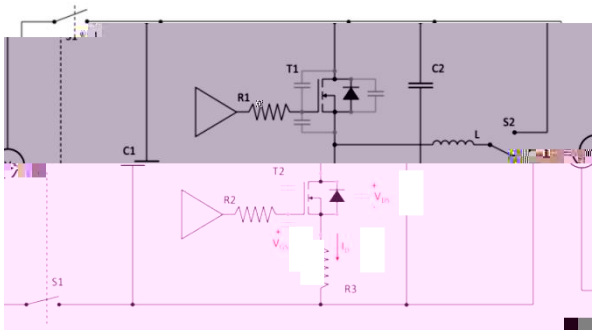


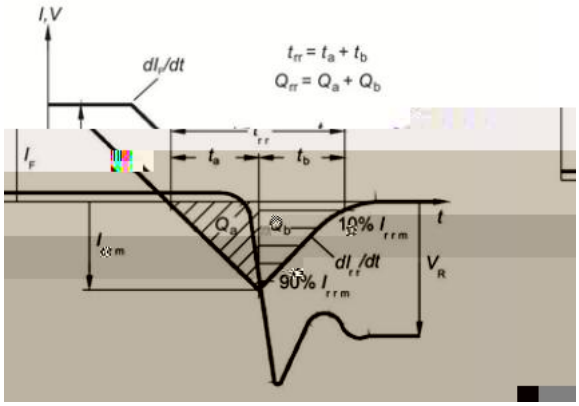


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6 Test conditions







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750V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2025-12-17	——	——
V01_01	2026-01-28	Final	——

Attention

RoHS compliance

REACH compliance

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