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1200V SiC Power MOSFET

1 Maximum ratings

Table 2 Maximum rating

Symbol	Parameter	Value	Unit	Test Conditions	Note

3 Electrical characteristics

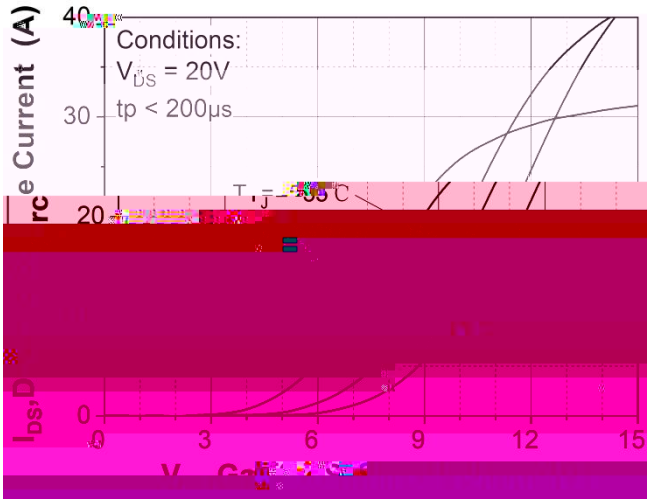
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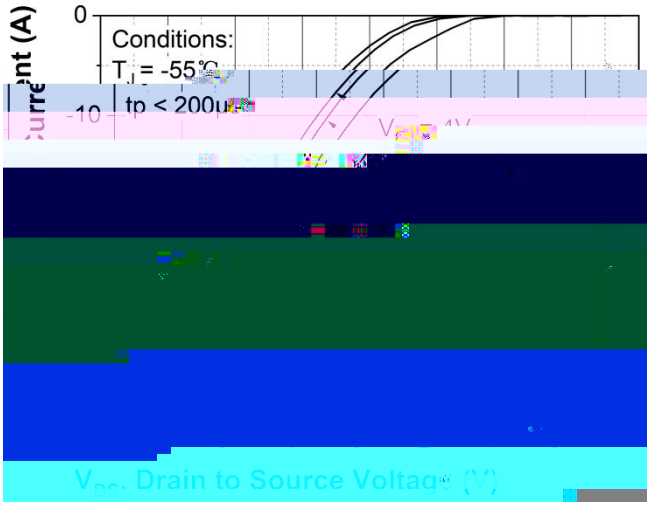
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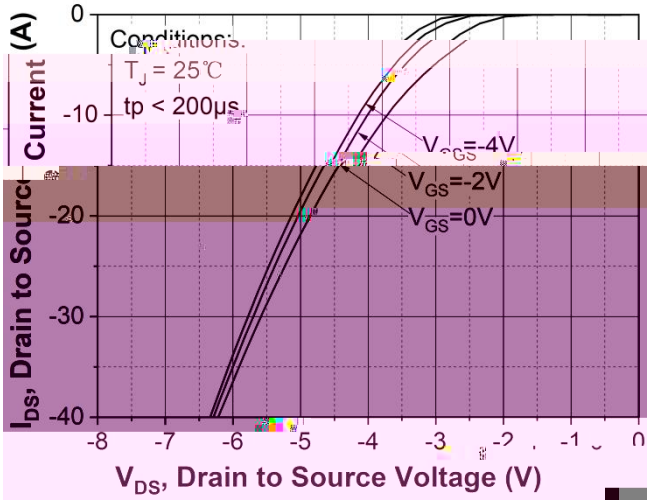
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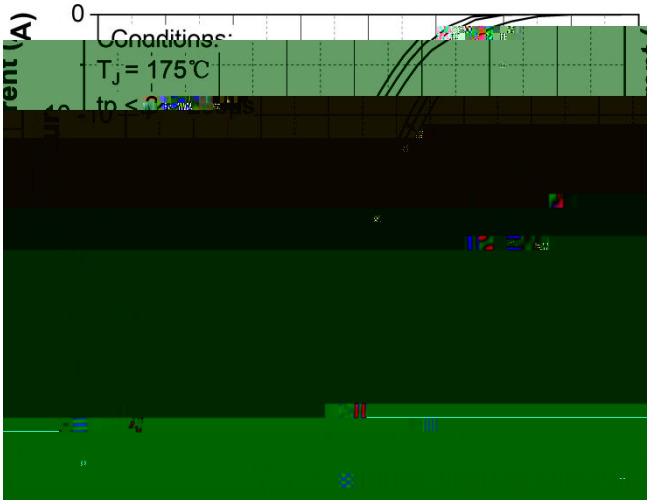
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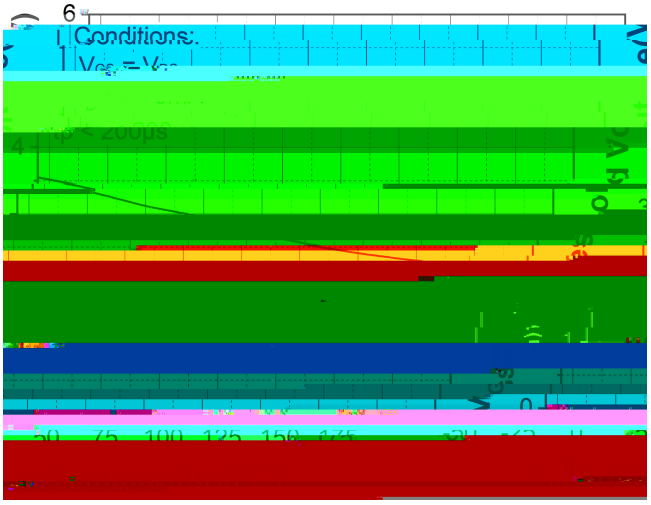
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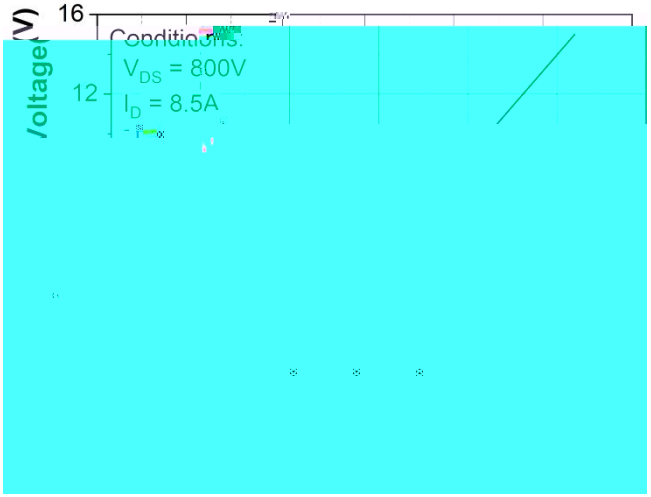






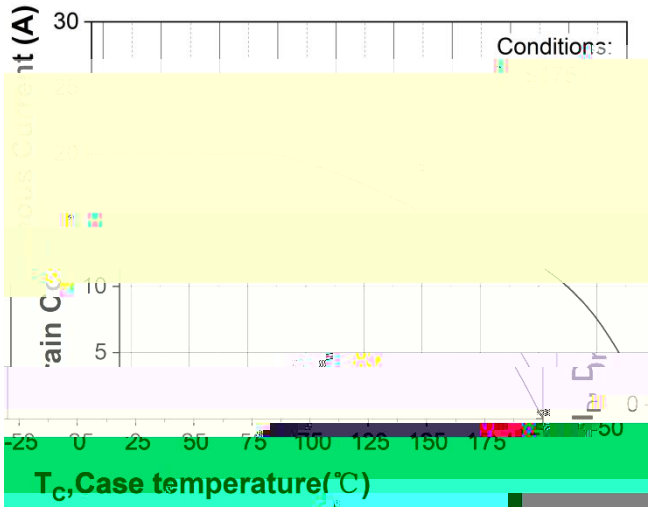


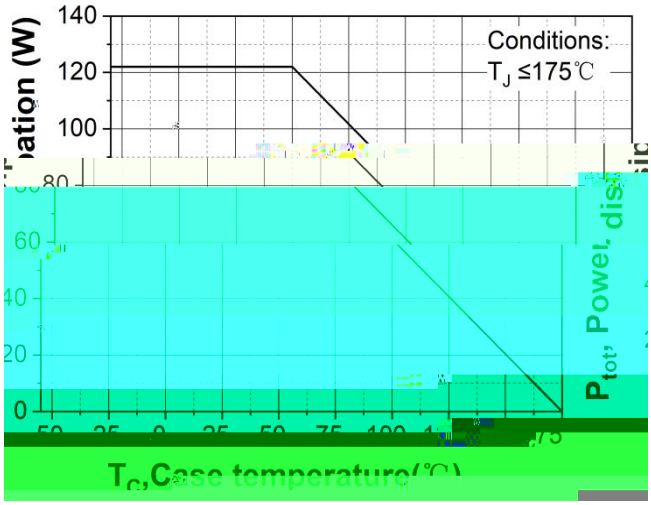


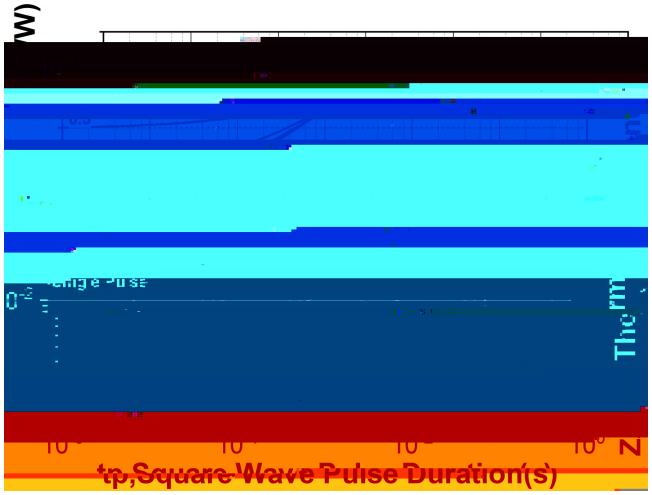


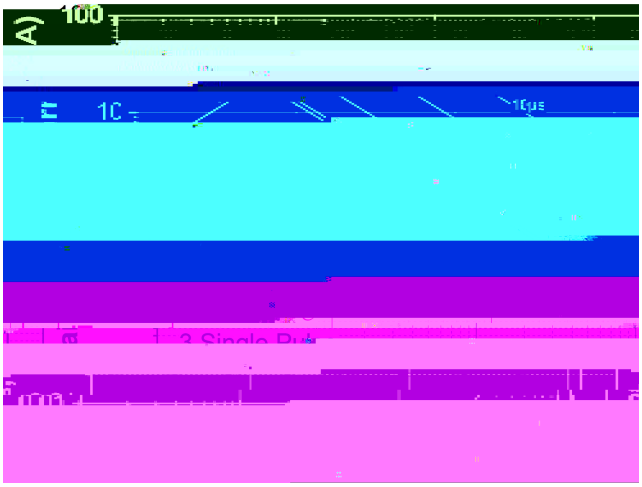
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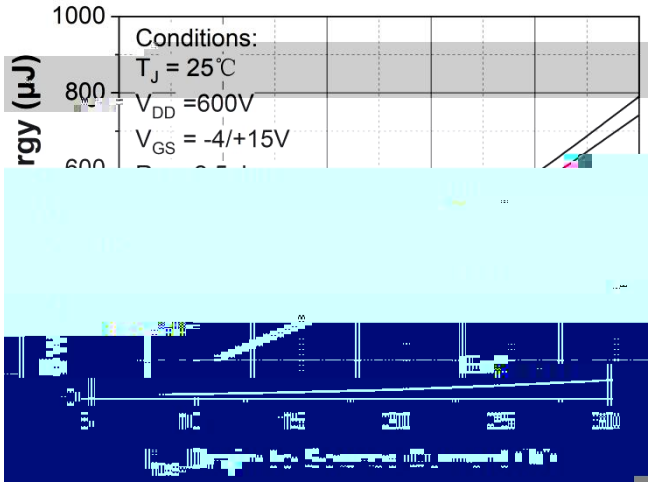
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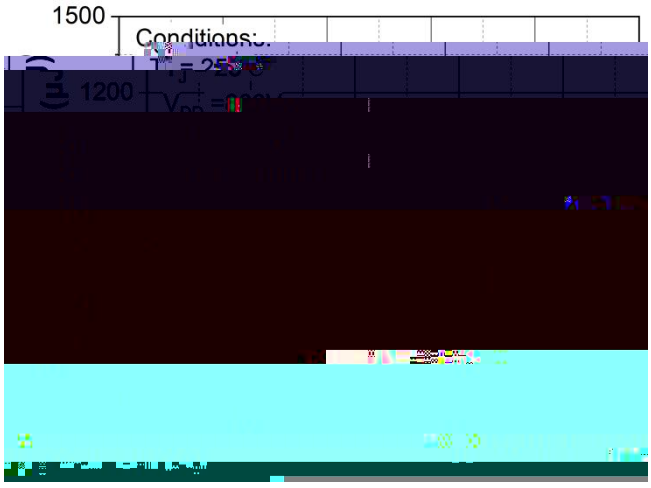








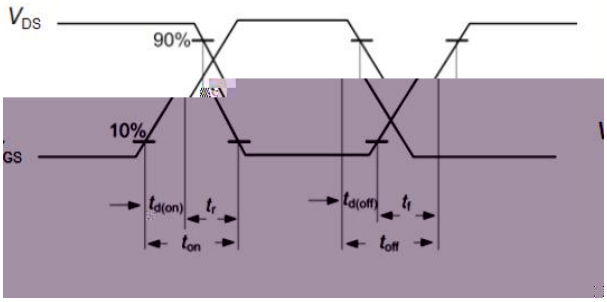


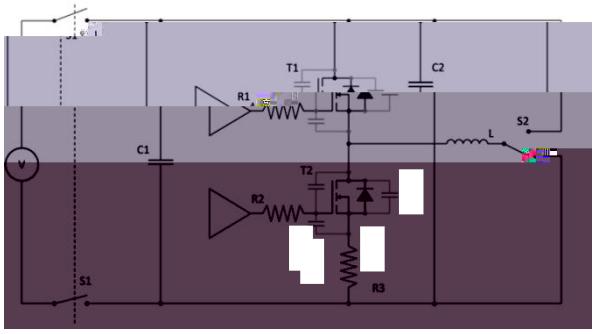


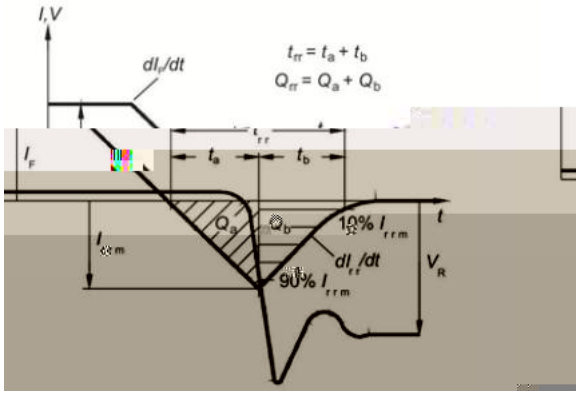
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6 Test conditions







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Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2024-07-05	——	——
V01_01	2024-09-06	——	——
V01_02	2024-10-28	——	——
V01_03	2025-05-29	——	——
V01_04	2025-12-19	Final	——

Attention

RoHS compliance

REACH compliance

SG1M160120D