S3M013150HK-A

TriQSiC™1500V Silicon Carbide Power MOSFET G3

Features

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Benefits **1**

Applications

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1500V SiC MOSFET

3 Electrical characteristics

3.1 Static characteristics

Table 4 Static characteristics

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

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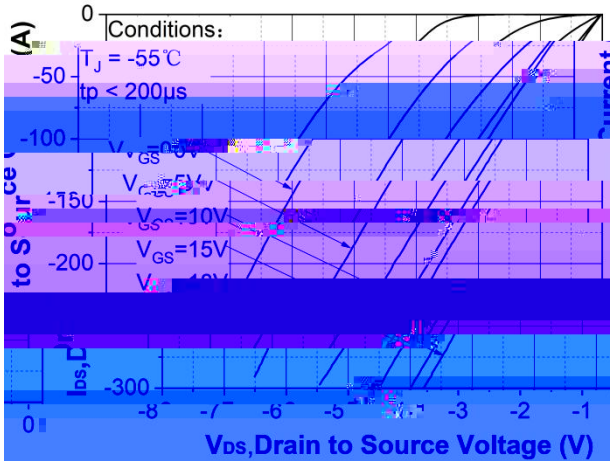
1500V SiC Power MOSFET

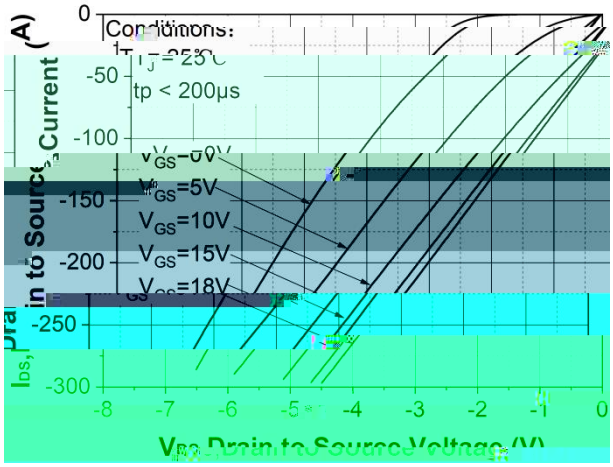
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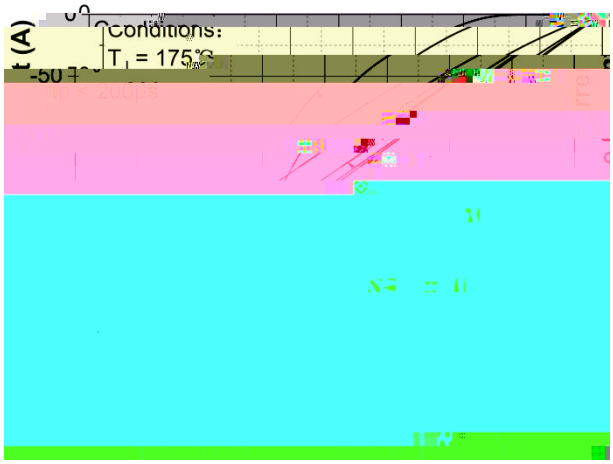
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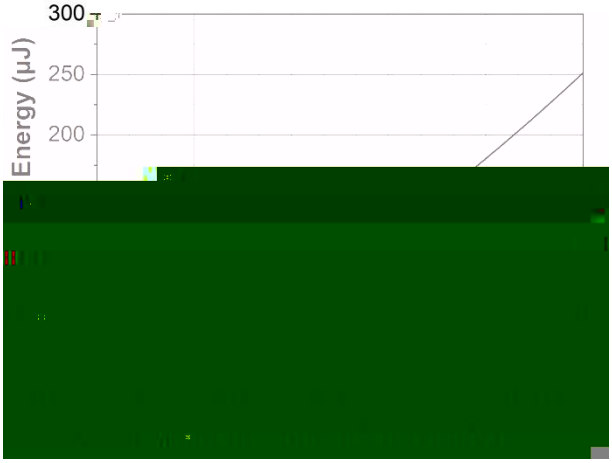


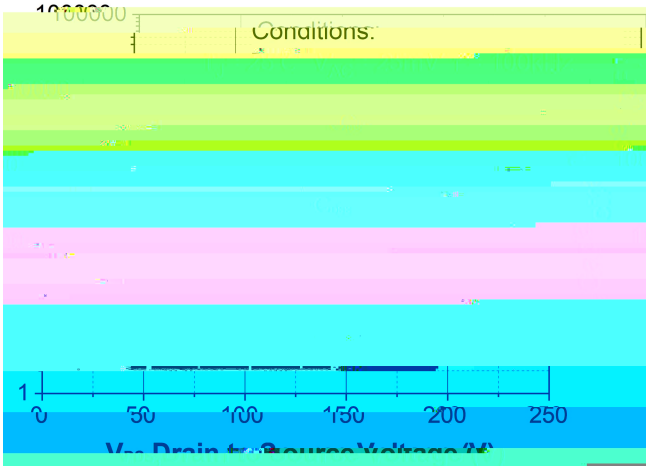
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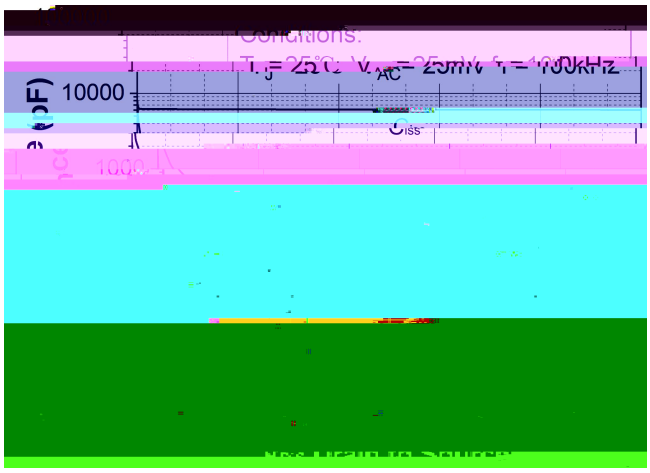




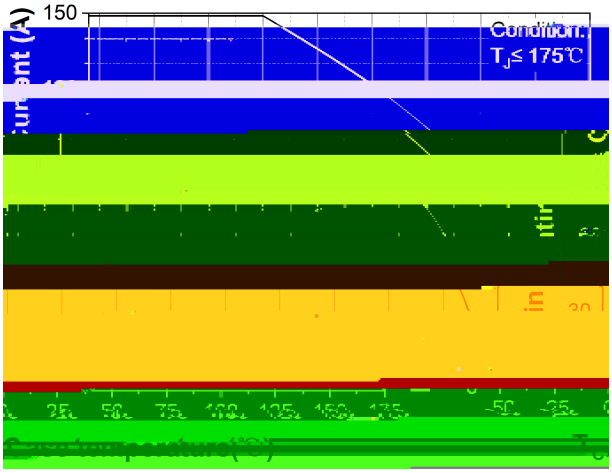


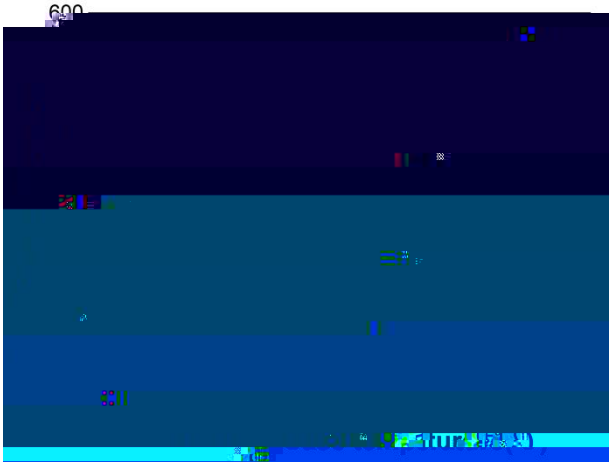


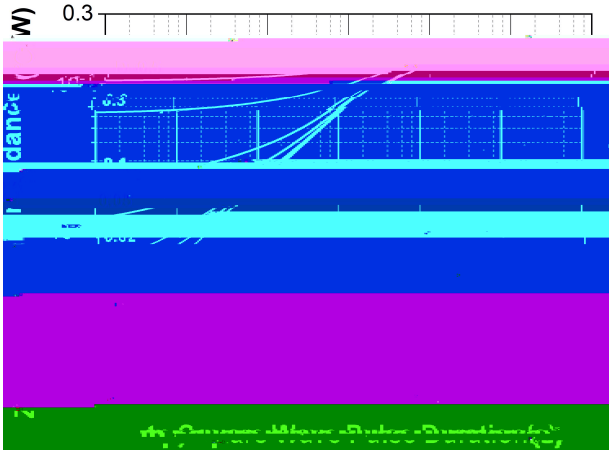


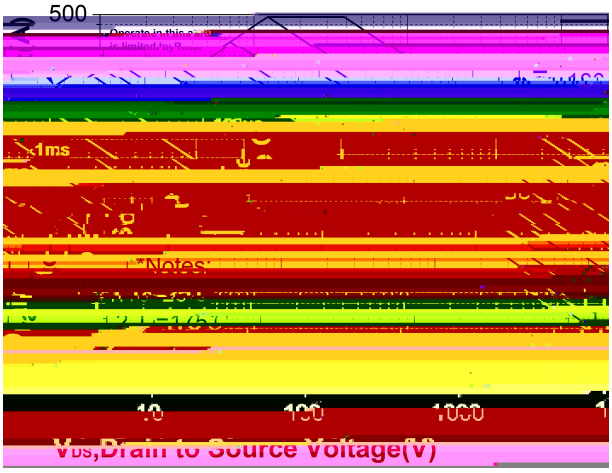


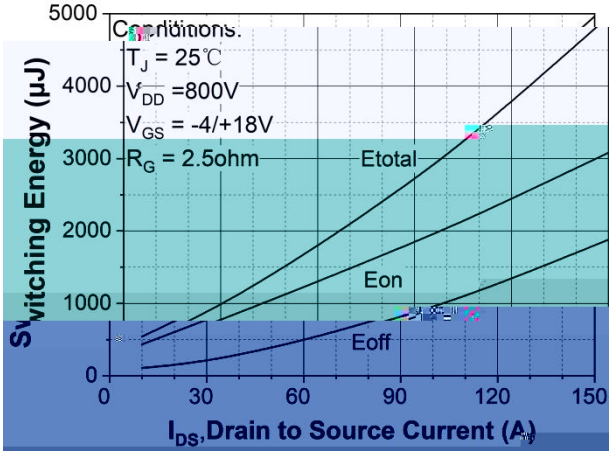
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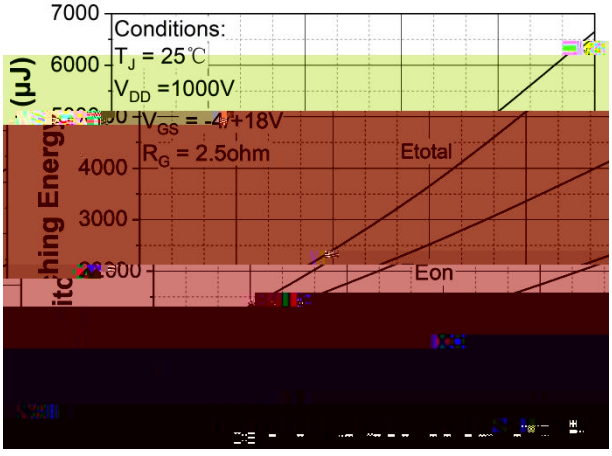




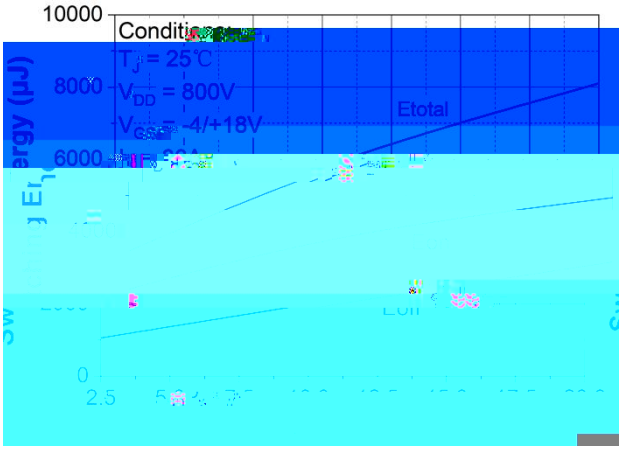


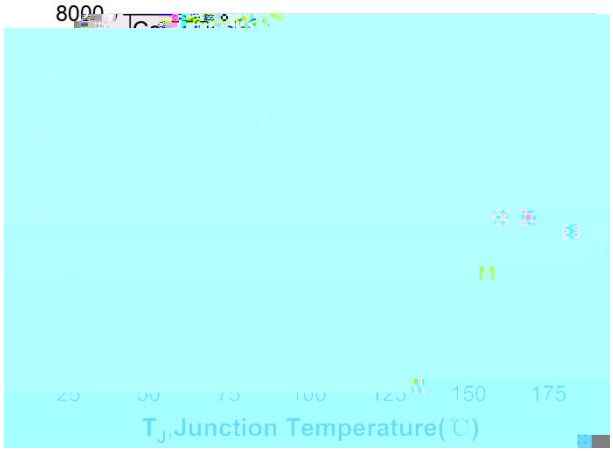


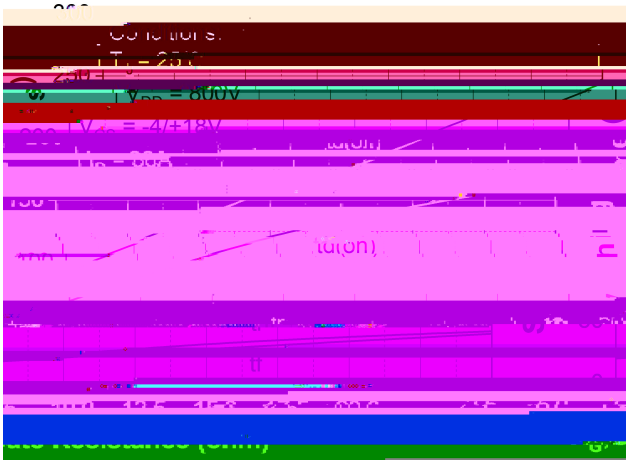




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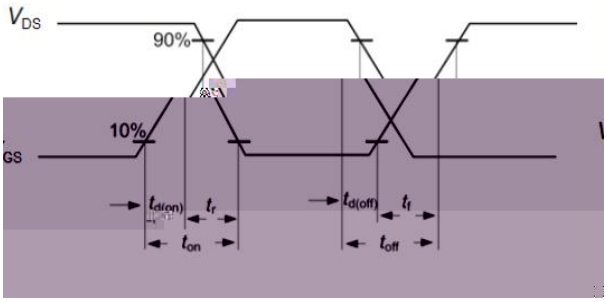


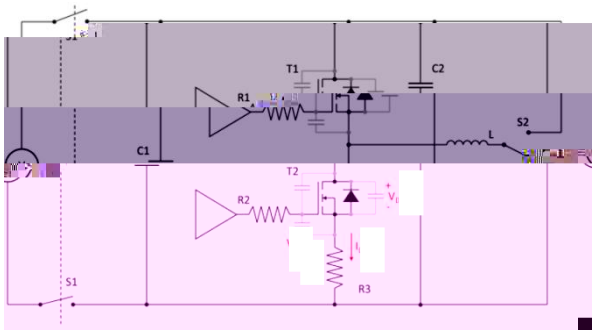


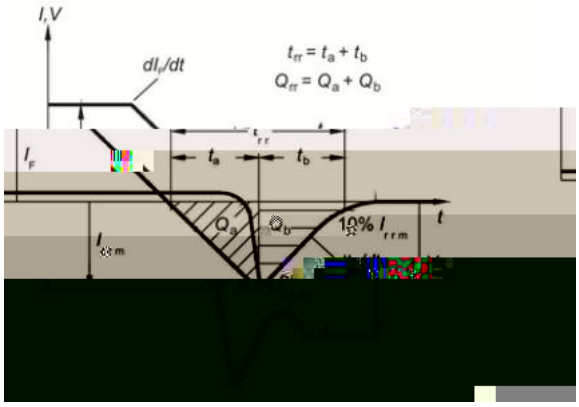


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6 Test conditions







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1500V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2026-06-29	Final	——

Attention

RoHS compliance

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