S1M014120BP

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1 Maximum ratings

Table 2 Maximum rating

Symbol	Parameter	Value	Unit	Test Conditions	Note

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1200V SiC Power MOSFET

2.3 Switching characteristics

Table 5 Dynamic characteristics(

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

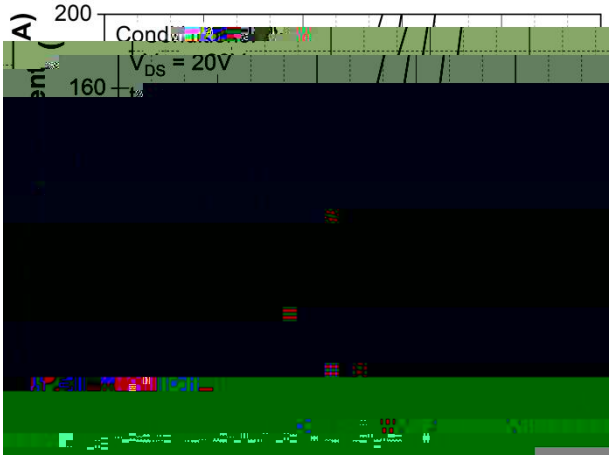
Table 6 Body diode characteristics(

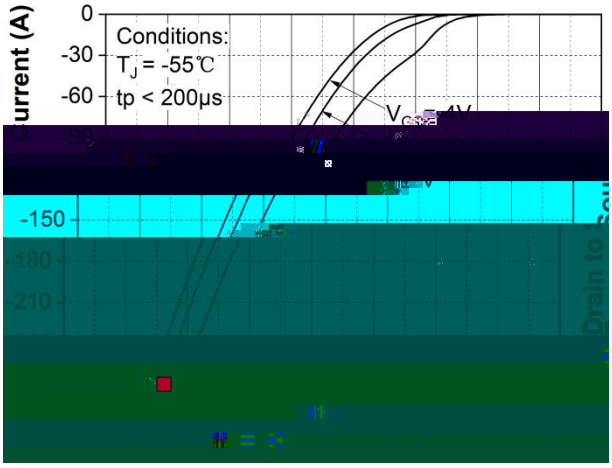
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

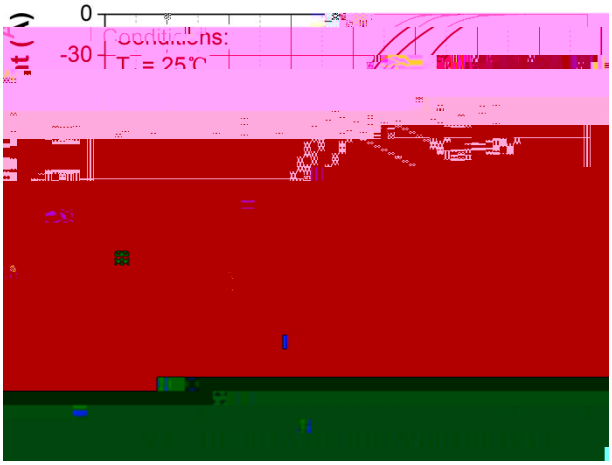
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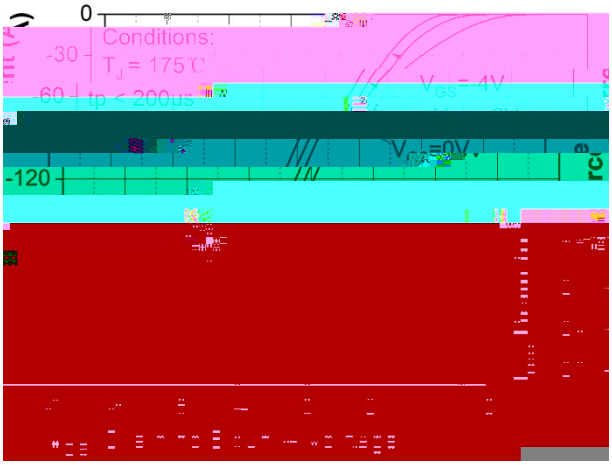
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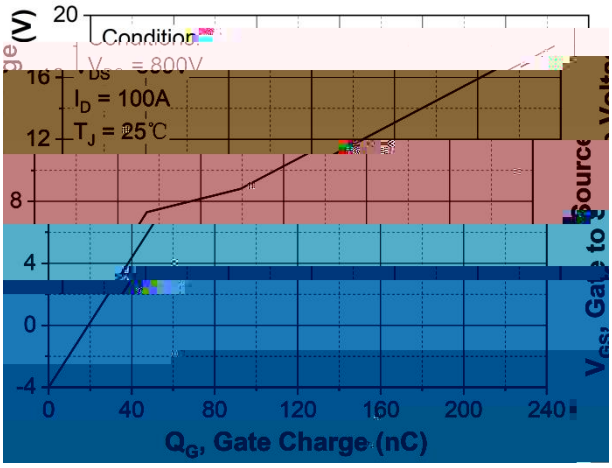












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Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2023-04-13	——	——
V01_01	2023-09-15	——	——
V01_02	2024-01-04	——	——
V01_03	2024-10-28	——	——
V02_00	2025-04-09	——	——
V02_01	2025-12-04	——	——
V02_02	2025-12-26	Final	——

Attention

Rohs compliance

REACH compliance

