SG2M017120BK

Table of contents

Features **1**

Benefits .....

SG2M017120BK

2 Electrical characteristics

2.1 Static characteristics

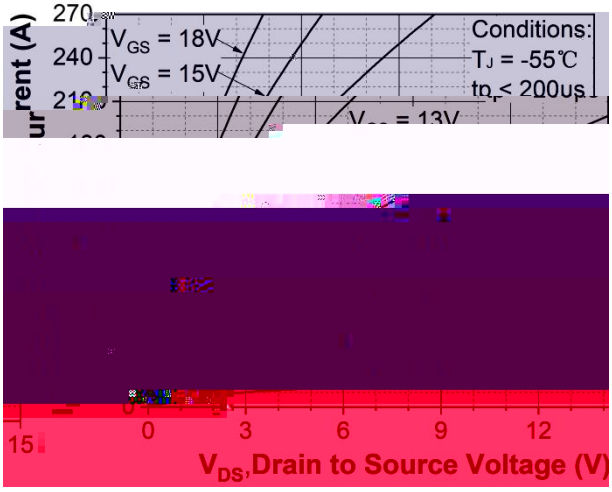
Table 3 Static characteristics

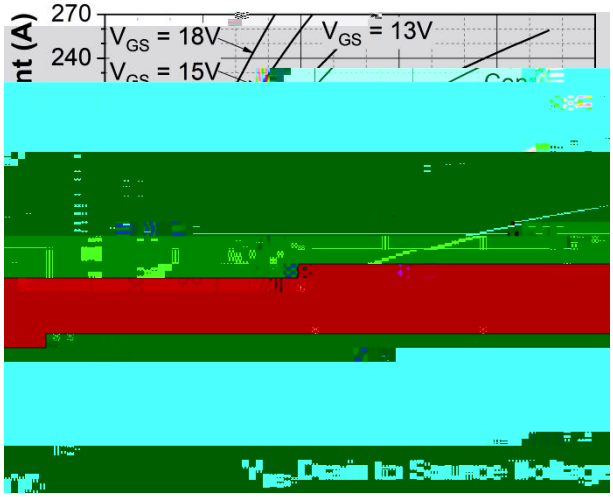
2.3 Switching characteristics

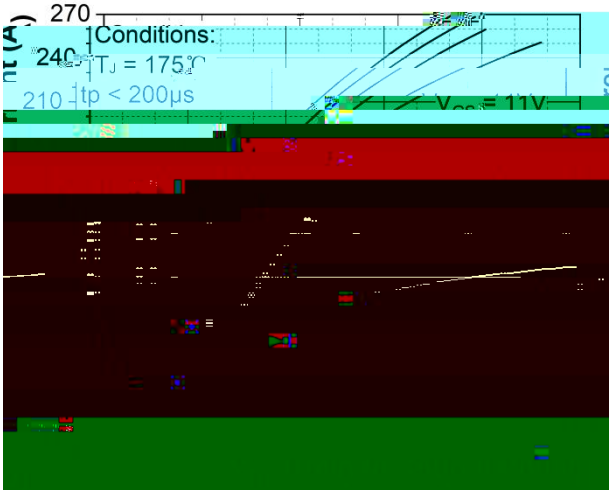
Table 5 Dynamic characteristics

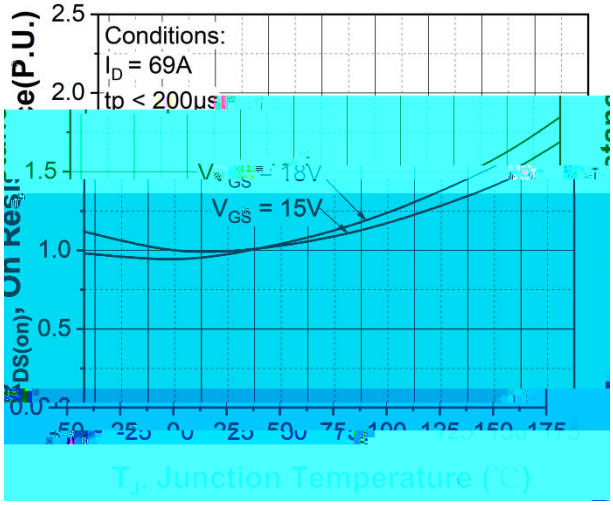
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

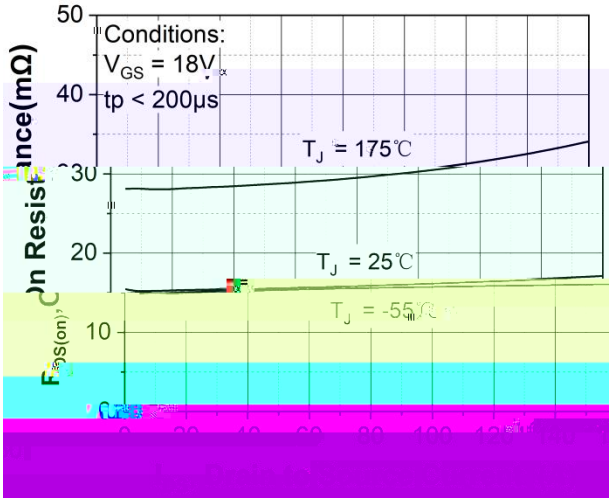
3 Electrical characteristic diagrams

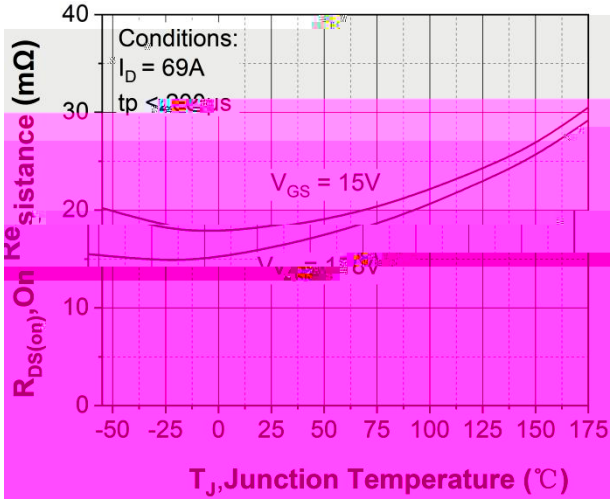






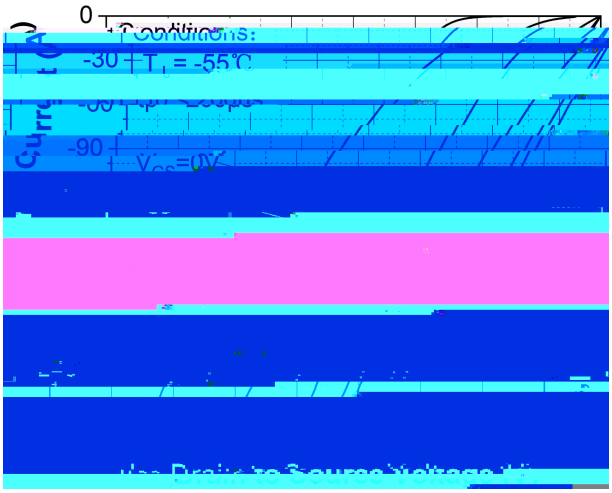


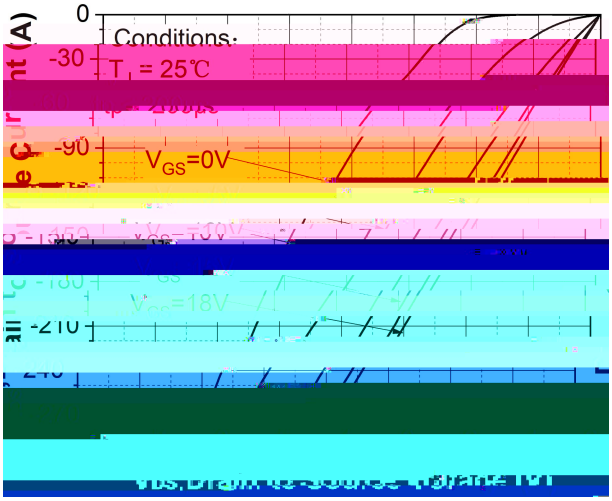


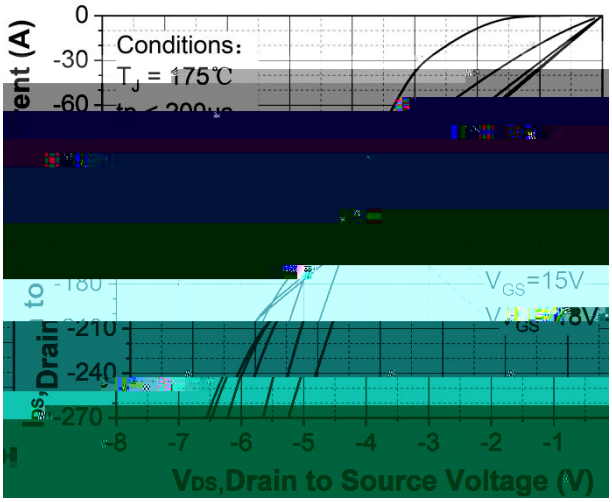


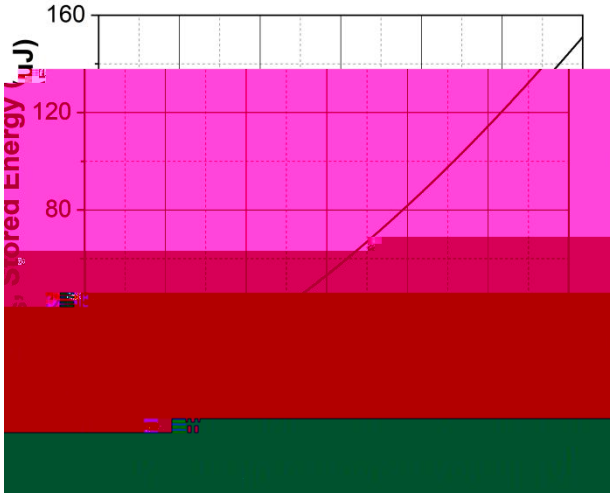
SG2M017120BK

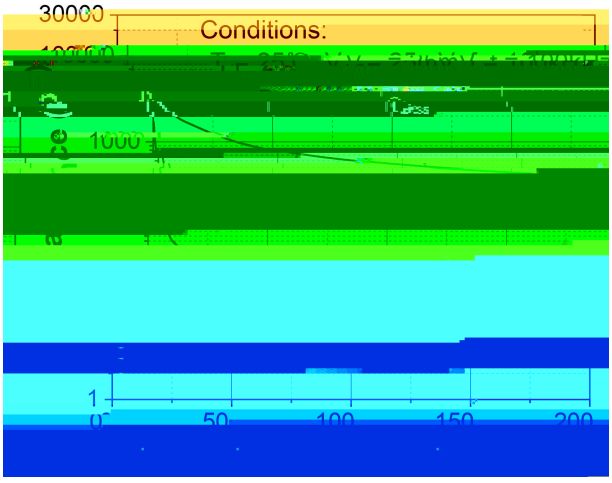
SG2M017120BK

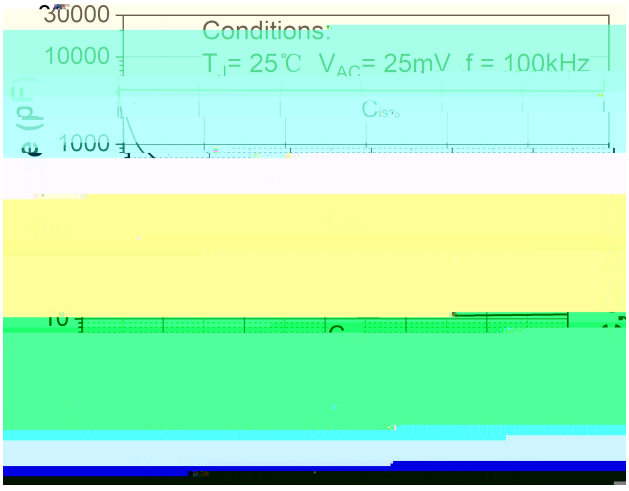










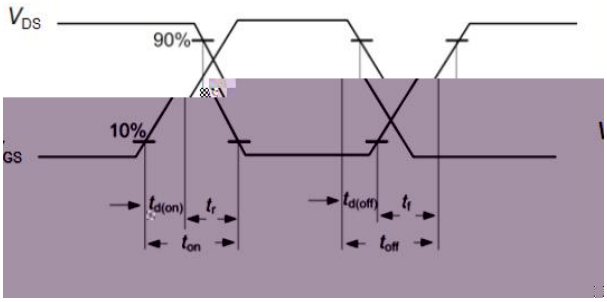


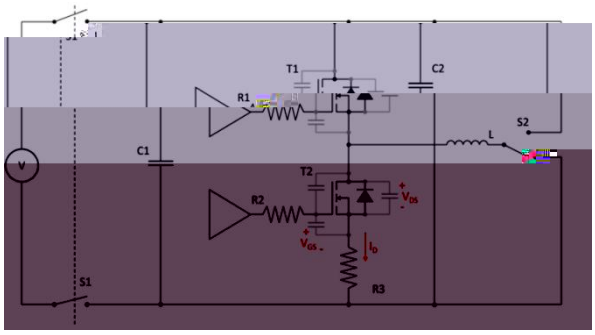
4 Mechanical parameters

4.1 Dimensions and metallization

Parameter	Typical value	Unit	Metallization

5 Test conditions





SG2M017120BK

1200V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2025-10-22	——	——
V01_01	2025-12-08	——	——
V01_02	2025-12-25	——	——
V01_03	2026-01-28	Final	——

Attention

Rohs compliance

REACH compliance

SG2M017120BK