

英飞凌MOSFET

PG-DSO-8

OptiMOS™ 3 功率场效应管，40 V

特性

- 互补型 N 沟道和 P 沟道
- 极低的导通电阻 $R_{DS(on)}$
- 卓越的热阻抗
- 100% 雪崩测试
- 无铅镀层；符合 RoHS 标准
- 符合 IEC61249-2-21 标准的无卤素

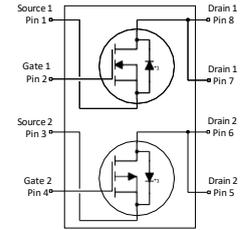


产品验证

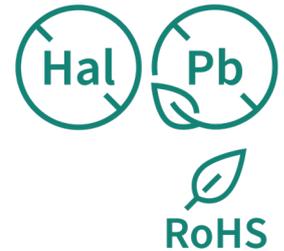
符合 JEDEC 标准

表 1 主要性能参数

Parameter	Value	Unit
V_{DS} (n-channel)	40	V
$R_{DS(on),max}$ (n-channel)	25	m Ω
I_D (n-channel)	7.9	A
V_{DS} (p-channel)	-40	V
$R_{DS(on),max}$ (p-channel)	30	m Ω
I_D (p-channel)	-7.8	A



*1: Internal body diode



Type/Ordering Code	Package	Marking	Related Links
ISA250300C04LMDS	PG-DSO-8	2530C04L	-

本数据手册的原文使用英文撰写。为方便起见，英飞凌提供了译文；由于翻译过程中可能使用了自动化工具，英飞凌不保证译文的准确性。为确保准确性，请务必访问 [infineon.com](https://www.infineon.com) 参考最新的英文版本（控制文档）。



目录

描述.....	1
最大额定值.....	3
热特性.....	5
电气特性.....	6
电气特性图.....	9
封装外形.....	17
修订记录.....	18
商标.....	18
免责声明.....	18

1 最大额定值

除非另有规定, $T_A=25\text{ }^\circ\text{C}$

表 2 最大额定值 (N 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Continuous drain current ¹⁾	I_D	-	-	7.9 5.0 4.4 5.9	A	$V_{GS}=10\text{ V}, T_C=25\text{ }^\circ\text{C}$ $V_{GS}=10\text{ V}, T_C=100\text{ }^\circ\text{C}$ $V_{GS}=4.5\text{ V}, T_C=100\text{ }^\circ\text{C}$ $V_{GS}=10\text{ V}, T_A=25\text{ }^\circ\text{C}, R_{thJA}=90\text{ }^\circ\text{C/W}$ ²⁾
Pulsed drain current ³⁾	$I_{D,pulse}$	-	-	32	A	$T_A=25\text{ }^\circ\text{C}$
Avalanche energy, single pulse ⁴⁾	E_{AS}	-	-	17.2	mJ	$I_D=7.9\text{ A}, R_{GS}=25\text{ }\Omega$
Gate source voltage	V_{GS}	-20	-	20	V	-
Power dissipation	P_{tot}	-	-	2.5 1.4	W	$T_C=25\text{ }^\circ\text{C}$ $T_A=25\text{ }^\circ\text{C}, R_{thJA}=90\text{ }^\circ\text{C/W}$ ²⁾
Operating and storage temperature	T_j, T_{stg}	-55	-	150	$^\circ\text{C}$	-

1) 额定值指产品仅具有数据手册指定的绝对最大值, 保持外壳温度符合规定要求。其他情况下的温度, n 沟道请参见图 2, p 沟道请参见图 17。需要根据实际环境条件降低等级。

2) 器件置于 $40\text{ mm} \times 40\text{ mm} \times 1.5\text{ mm}$ 环氧树脂印刷电路板 FR4 上, 配有 6 cm^2 (单层, $70\text{ }\mu\text{m}$ 厚) 铜层面积用于漏极连接。印刷电路板垂直放置在静止空气中。一个开关管工作。

3) 详细信息请参见图 3 与 18

4) 详细信息请参见图 13 与 28

表 3 最大额定值 (P 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Continuous drain current ⁵⁾	I_D	-	-	-7.8 -4.9 -4.1 -5.8	A	$V_{GS}=-10\text{ V}, T_C=25\text{ }^\circ\text{C}$ $V_{GS}=-10\text{ V}, T_C=100\text{ }^\circ\text{C}$ $V_{GS}=-4.5\text{ V}, T_C=100\text{ }^\circ\text{C}$ $V_{GS}=-10\text{ V}, T_A=25\text{ }^\circ\text{C}, R_{thJA}=90\text{ }^\circ\text{C/W}$ ⁶⁾
Pulsed drain current ⁷⁾	$I_{D,pulse}$	-	-	-31	A	$T_A=25\text{ }^\circ\text{C}$
Avalanche energy, single pulse ⁸⁾	E_{AS}	-	-	17.2	mJ	$I_D=-7.8\text{ A}, R_{GS}=25\text{ }\Omega$
Gate source voltage	V_{GS}	-20	-	20	V	-
Power dissipation	P_{tot}	-	-	2.5 1.4	W	$T_C=25\text{ }^\circ\text{C}$ $T_A=25\text{ }^\circ\text{C}, R_{thJA}=90\text{ }^\circ\text{C/W}$ ⁶⁾
Operating and storage temperature	T_j, T_{stg}	-55	-	150	$^\circ\text{C}$	-

5) 额定值指产品仅具有数据手册指定的绝对最大值, 保持外壳温度符合规定要求。其他情况下的温度, n 沟道请参见图 2, p 沟道请参见图 17。需要根据实际环境条件降低等级。

6) 器件置于 $40\text{ mm} \times 40\text{ mm} \times 1.5\text{ mm}$ 环氧树脂印刷电路板 FR4 上, 配有 6 cm^2 (单层, $70\text{ }\mu\text{m}$ 厚) 铜层面积用于漏极连接。印刷电路板垂直放置在静止空气中。一个开关管工作。

- 7) 详细信息请参见图 3 与18
- 8) 详细信息请参见图 13 与28

2 热特性

表 4 热特性

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Thermal resistance, junction - solder point	R_{thJC}	-	-	50	°C/W	-
Thermal resistance, junction - ambient, minimal footprint, steady state	R_{thJA}	-	-	150	°C/W	-
Thermal resistance, junction - ambient, 6 cm ² cooling area, steady state ⁹⁾	R_{thJA}	-	-	90	°C/W	-

⁹⁾ 器件置于40 mm × 40 mm × 1.5 mm 环氧树脂印刷电路板 FR4 上，配有6 cm²（单层，70 μm厚）铜层面积用于漏极连接。印刷电路板垂直放置在静止空气中。一个开关管工作。

3 电气特性

除非另有规定, $T_j=25\text{ }^\circ\text{C}$

表 5 静态特性 (N 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Drain-source breakdown voltage	$V_{(BR)DSS}$	40	-	-	V	$V_{GS}=0\text{ V}, I_D=1\text{ mA}$
Gate threshold voltage	$V_{GS(th)}$	1.1	-	2.7	V	$V_{DS}=V_{GS}, I_D=1000\text{ }\mu\text{A}$
Zero gate voltage drain current	I_{DSS}	-	0.1 10	1 100	μA	$V_{DS}=40\text{ V}, V_{GS}=0\text{ V}, T_j=25\text{ }^\circ\text{C}$ $V_{DS}=40\text{ V}, V_{GS}=0\text{ V}, T_j=125\text{ }^\circ\text{C}$
Gate-source leakage current	I_{GSS}	-	10	100	nA	$V_{GS}=20\text{ V}, V_{DS}=0\text{ V}$
Drain-source on-state resistance	$R_{DS(on)}$	-	18 26	25 32	m Ω	$V_{GS}=10\text{ V}, I_D=7.9\text{ A}$ $V_{GS}=4.5\text{ V}, I_D=7.1\text{ A}$
Gate resistance	R_G	-	1.5	-	Ω	-
Transconductance ¹⁰⁾	g_{fs}	9.0	18	-	S	$ V_{DS} \geq 2 I_D /R_{DS(on)max}, I_D=7.9\text{ A}$

¹⁰⁾ 由设计指定, 未经过生产测试。

表 6 静态特性 (P 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Drain-source breakdown voltage	$V_{(BR)DSS}$	-40	-	-	V	$V_{GS}=0\text{ V}, I_D=-1\text{ mA}$
Gate threshold voltage	$V_{GS(th)}$	-1.1	-	-2.7	V	$V_{DS}=V_{GS}, I_D=-1000\text{ }\mu\text{A}$
Zero gate voltage drain current	I_{DSS}	-	-0.1 -10	-1 -100	μA	$V_{DS}=-40\text{ V}, V_{GS}=0\text{ V}, T_j=25\text{ }^\circ\text{C}$ $V_{DS}=-40\text{ V}, V_{GS}=0\text{ V}, T_j=125\text{ }^\circ\text{C}$
Gate-source leakage current	I_{GSS}	-	-10	-100	nA	$V_{GS}=-20\text{ V}, V_{DS}=0\text{ V}$
Drain-source on-state resistance	$R_{DS(on)}$	-	25 35	30 44	m Ω	$V_{GS}=-10\text{ V}, I_D=-7.8\text{ A}$ $V_{GS}=-4.5\text{ V}, I_D=-7\text{ A}$
Gate resistance	R_G	-	8.5	-	Ω	-
Transconductance ¹¹⁾	g_{fs}	9	18	-	S	$ V_{DS} \geq 2 I_D /R_{DS(on)max}, I_D=-7.8\text{ A}$

¹¹⁾ 由设计指定, 未经过生产测试。

表 7 动态特性 (N 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Input capacitance ¹²⁾	C_{iss}	-	550	720	pF	$V_{GS}=0\text{ V}, V_{DS}=20\text{ V}, f=1\text{ MHz}$
Output capacitance ¹²⁾	C_{oss}	-	150	200	pF	$V_{GS}=0\text{ V}, V_{DS}=20\text{ V}, f=1\text{ MHz}$
Reverse transfer capacitance ¹²⁾	C_{rss}	-	10	18	pF	$V_{GS}=0\text{ V}, V_{DS}=20\text{ V}, f=1\text{ MHz}$
Turn-on delay time	$t_{d(on)}$	-	5.8	-	ns	$V_{DD}=20\text{ V}, V_{GS}=4.5\text{ V}, I_D=7.9\text{ A},$ $R_{G,ext}=1.6\text{ }\Omega$

表 7 动态特性 (N 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Rise time	t_r	-	5.3	-	ns	$V_{DD}=20\text{ V}, V_{GS}=4.5\text{ V}, I_D=7.9\text{ A}, R_{G,ext}=1.6\ \Omega$
Turn-off delay time	$t_{d(off)}$	-	2.9	-	ns	$V_{DD}=20\text{ V}, V_{GS}=4.5\text{ V}, I_D=7.9\text{ A}, R_{G,ext}=1.6\ \Omega$
Fall time	t_f	-	4.0	-	ns	$V_{DD}=20\text{ V}, V_{GS}=4.5\text{ V}, I_D=7.9\text{ A}, R_{G,ext}=1.6\ \Omega$
Gate to source charge	Q_{gs}	-	1.8	-	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Gate charge at threshold	$Q_{g(th)}$	-	0.9	-	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Gate to drain charge	Q_{gd}	-	1.0	-	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Switching charge	Q_{sw}	-	1.9	-	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Gate charge total ¹²⁾	Q_g	-	3.8	5.7	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Gate plateau voltage	$V_{plateau}$	-	3.2	-	V	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }4.5\text{ V}$
Gate charge total ¹²⁾	Q_g	-	7.9	11.9	nC	$V_{DD}=20\text{ V}, I_D=7.9\text{ A}, V_{GS}=0\text{ to }10\text{ V}$
Output charge	Q_{oss}	-	5.3	-	nC	$V_{DS}=20\text{ V}, V_{GS}=0\text{ V}$

¹²⁾ 由设计指定, 未经过生产测试。

表 8 动态特性 (P 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Input capacitance ¹³⁾	C_{iss}	-	1200	1600	pF	$V_{GS}=0\text{ V}, V_{DS}=-20\text{ V}, f=1\text{ MHz}$
Output capacitance ¹³⁾	C_{oss}	-	460	600	pF	$V_{GS}=0\text{ V}, V_{DS}=-20\text{ V}, f=1\text{ MHz}$
Reverse transfer capacitance ¹³⁾	C_{rss}	-	26	46	pF	$V_{GS}=0\text{ V}, V_{DS}=-20\text{ V}, f=1\text{ MHz}$
Turn-on delay time	$t_{d(on)}$	-	14	-	ns	$V_{DD}=-20\text{ V}, V_{GS}=-4.5\text{ V}, I_D=-7.8\text{ A}, R_{G,ext}=1.6\ \Omega$
Rise time	t_r	-	11	-	ns	$V_{DD}=-20\text{ V}, V_{GS}=-4.5\text{ V}, I_D=-7.8\text{ A}, R_{G,ext}=1.6\ \Omega$
Turn-off delay time	$t_{d(off)}$	-	16	-	ns	$V_{DD}=-20\text{ V}, V_{GS}=-4.5\text{ V}, I_D=-7.8\text{ A}, R_{G,ext}=1.6\ \Omega$
Fall time	t_f	-	9.8	-	ns	$V_{DD}=-20\text{ V}, V_{GS}=-4.5\text{ V}, I_D=-7.8\text{ A}, R_{G,ext}=1.6\ \Omega$
Gate to source charge	Q_{gs}	-	-3.8	-	nC	$V_{DD}=-20\text{ V}, I_D=-7.8\text{ A}, V_{GS}=0\text{ to }-4.5\text{ V}$
Gate charge at threshold	$Q_{g(th)}$	-	-2.0	-	nC	$V_{DD}=-20\text{ V}, I_D=-7.8\text{ A}, V_{GS}=0\text{ to }-4.5\text{ V}$
Gate to drain charge	Q_{gd}	-	-2.4	-	nC	$V_{DD}=-20\text{ V}, I_D=-7.8\text{ A}, V_{GS}=0\text{ to }-4.5\text{ V}$
Switching charge	Q_{sw}	-	-4.2	-	nC	$V_{DD}=-20\text{ V}, I_D=-7.8\text{ A}, V_{GS}=0\text{ to }-4.5\text{ V}$
Gate charge total ¹³⁾	Q_g	-	-8.1	-12	nC	$V_{DD}=-20\text{ V}, I_D=-7.8\text{ A}, V_{GS}=0\text{ to }-4.5\text{ V}$

表 8 动态特性 (P 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Gate plateau voltage	V_{plateau}	-	-3.2	-	V	$V_{\text{DD}}=-20\text{ V}$, $I_{\text{D}}=-7.8\text{ A}$, $V_{\text{GS}}=0\text{ to }-4.5\text{ V}$
Gate charge total	Q_{g}	-	-16.1	-24	nC	$V_{\text{DD}}=-20\text{ V}$, $I_{\text{D}}=-7.8\text{ A}$, $V_{\text{GS}}=0\text{ to }-10\text{ V}$
Output charge	Q_{oss}	-	-14	-	nC	$V_{\text{DS}}=-20\text{ V}$, $V_{\text{GS}}=0\text{ V}$

¹³⁾ 由设计指定, 未经过生产测试。

表 9 反向二极管 (N 沟道)

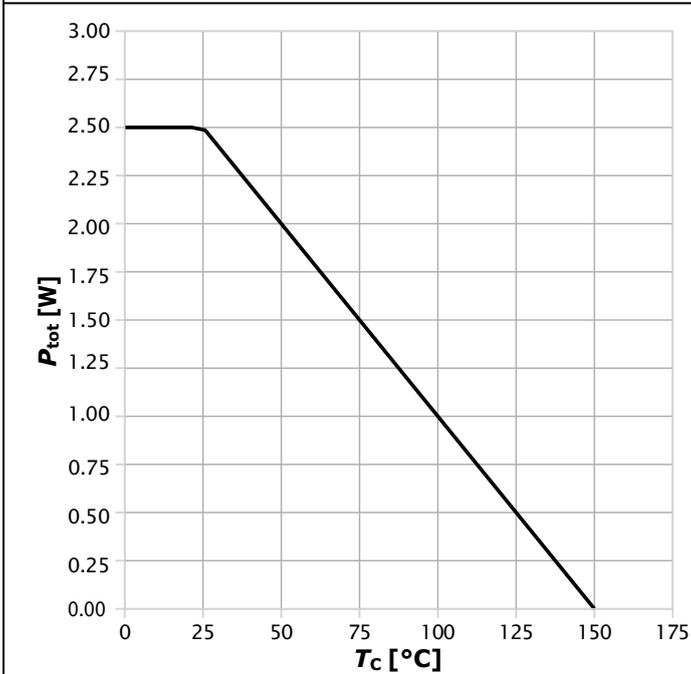
Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Diode continuous forward current	I_{S}	-	-	3.1	A	$T_{\text{C}}=25\text{ }^{\circ}\text{C}$
Diode pulse current	$I_{\text{S,pulse}}$	-	-	32	A	$T_{\text{A}}=25\text{ }^{\circ}\text{C}$
Diode forward voltage	V_{SD}	-	0.87	1.0	V	$V_{\text{GS}}=0\text{ V}$, $I_{\text{F}}=7.9\text{ A}$, $T_{\text{J}}=25\text{ }^{\circ}\text{C}$
Reverse recovery time	t_{rr}	-	12	-	ns	$V_{\text{R}}=20\text{ V}$, $I_{\text{F}}=7.9\text{ A}$, $di_{\text{F}}/dt=100\text{ A}/\mu\text{s}$
Reverse recovery charge	Q_{rr}	-	3.6	-	nC	$V_{\text{R}}=20\text{ V}$, $I_{\text{F}}=7.9\text{ A}$, $di_{\text{F}}/dt=100\text{ A}/\mu\text{s}$

表 10 反向二极管 (P 沟道)

Parameter	Symbol	Values			Unit	Note/ Test Condition
		Min.	Typ.	Max.		
Diode continuous forward current	I_{S}	-	-	-3.5	A	$T_{\text{C}}=25\text{ }^{\circ}\text{C}$
Diode pulse current	$I_{\text{S,pulse}}$	-	-	-31	A	$T_{\text{A}}=25\text{ }^{\circ}\text{C}$
Diode forward voltage	V_{SD}	-	-0.88	-1.0	V	$V_{\text{GS}}=0\text{ V}$, $I_{\text{F}}=-7.8\text{ A}$, $T_{\text{J}}=25\text{ }^{\circ}\text{C}$
Reverse recovery time	t_{rr}	-	18	-	ns	$V_{\text{R}}=-20\text{ V}$, $I_{\text{F}}=-7.8\text{ A}$, $di_{\text{F}}/dt=-100\text{ A}/\mu\text{s}$
Reverse recovery charge	Q_{rr}	-	6.9	-	nC	$V_{\text{R}}=-20\text{ V}$, $I_{\text{F}}=-7.8\text{ A}$, $di_{\text{F}}/dt=-100\text{ A}/\mu\text{s}$

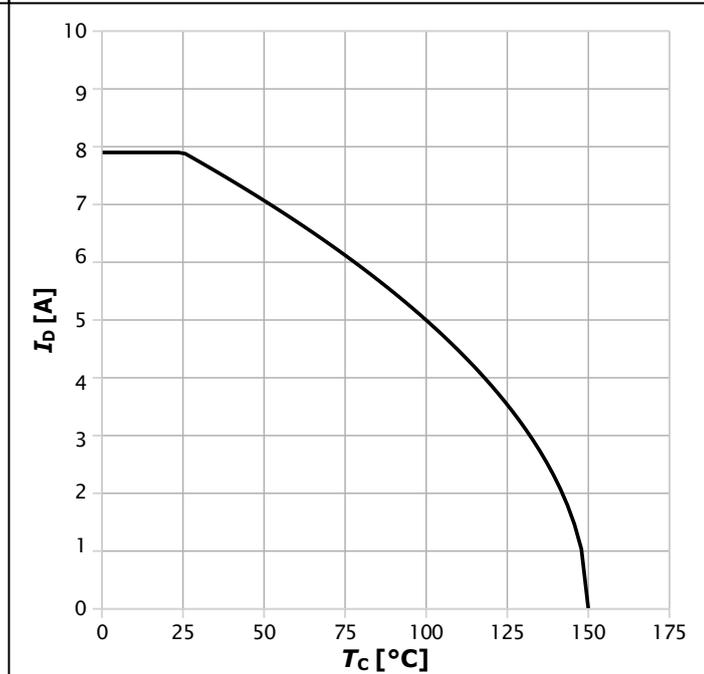
4 电气特性图

Diagram 1: Power dissipation (n-channel)



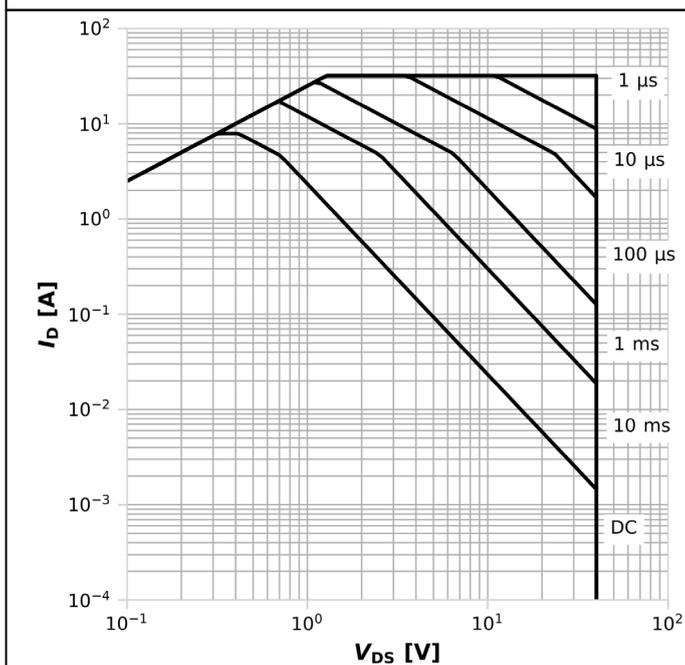
$$P_{tot}=f(T_c)$$

Diagram 2: Drain current (n-channel)



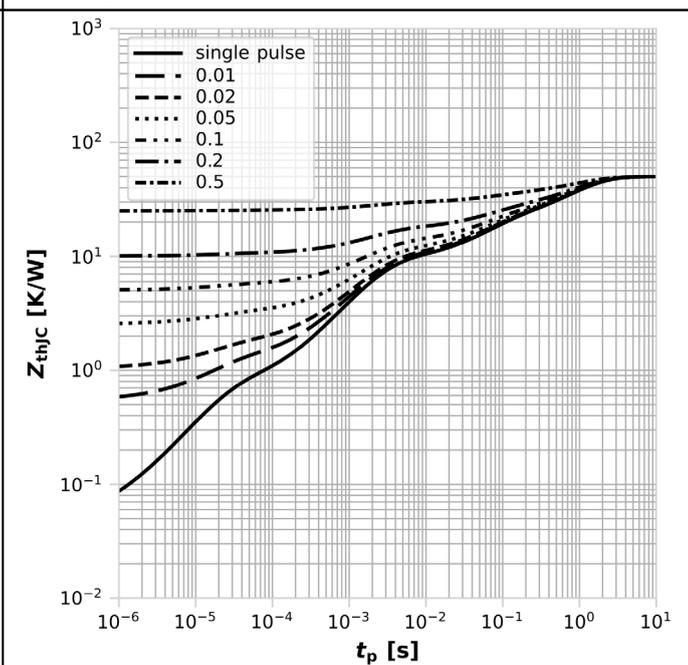
$$I_D=f(T_c); V_{GS} \geq 10V$$

Diagram 3: Safe operating area (n-channel)



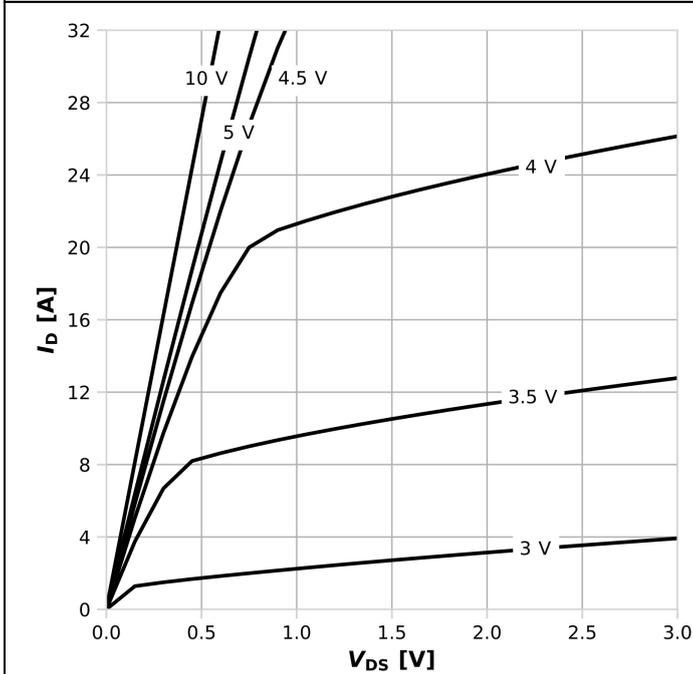
$$I_D=f(V_{DS}); T_c=25^\circ\text{C}; D=0; \text{parameter: } t_p$$

Diagram 4: Max. transient thermal impedance (n-channel)



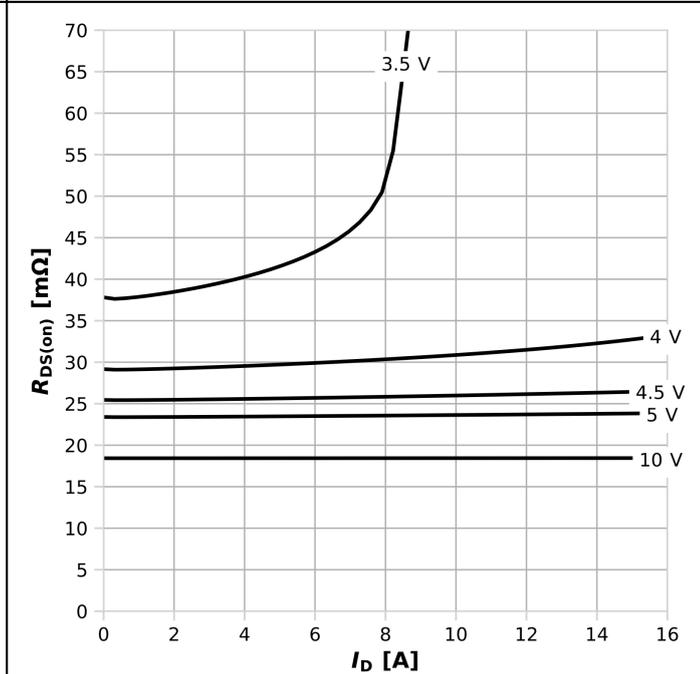
$$Z_{thjC}=f(t_p); \text{parameter: } D=t_p/T$$

Diagram 5: Typ. output characteristics (n-channel)



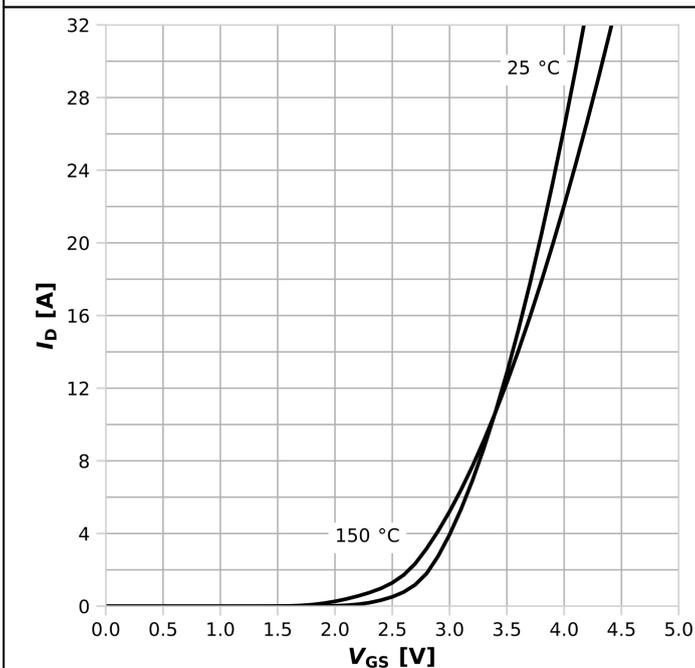
$$I_D = f(V_{DS}), T_j = 25^\circ\text{C}; \text{parameter: } V_{GS}$$

Diagram 6: Typ. drain-source on resistance (n-channel)



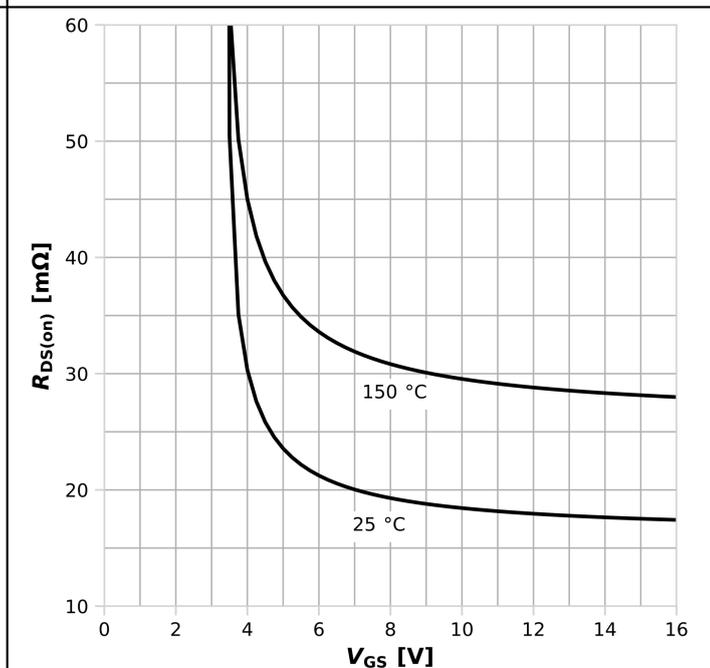
$$R_{DS(on)} = f(I_D), T_j = 25^\circ\text{C}; \text{parameter: } V_{GS}$$

Diagram 7: Typ. transfer characteristics (n-channel)



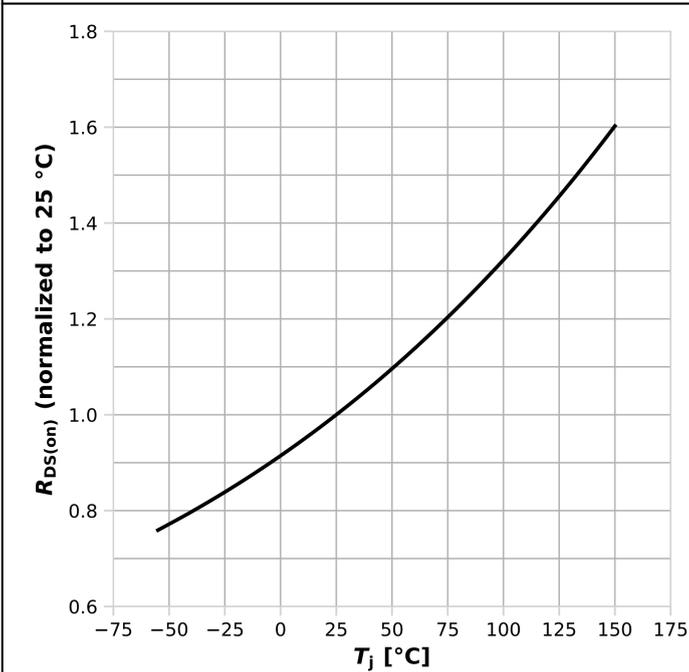
$$I_D = f(V_{GS}), |V_{DS}| > 2|I_D| R_{DS(on)max}; \text{parameter: } T_j$$

Diagram 8: Typ. drain-source on resistance (n-channel)



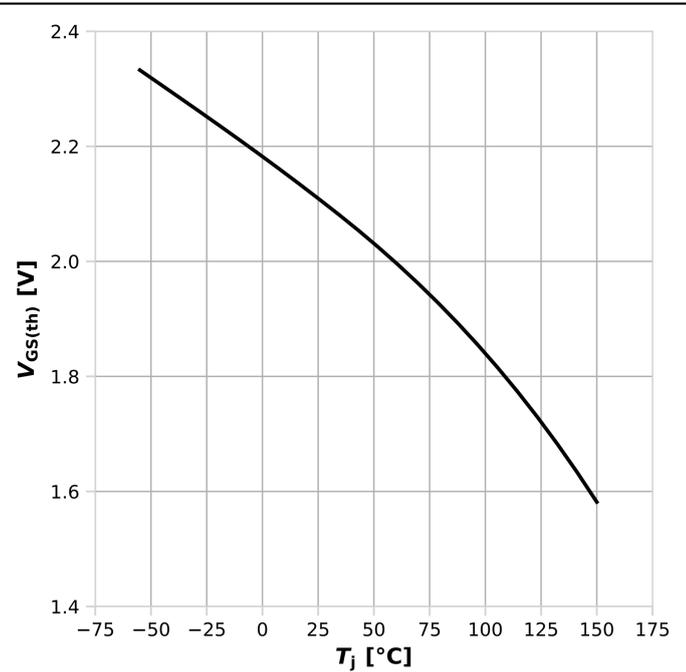
$$R_{DS(on)} = f(V_{GS}), I_D = 7.9 \text{ A}; \text{parameter: } T_j$$

Diagram 9: Normalized drain-source on resistance (n-channel)



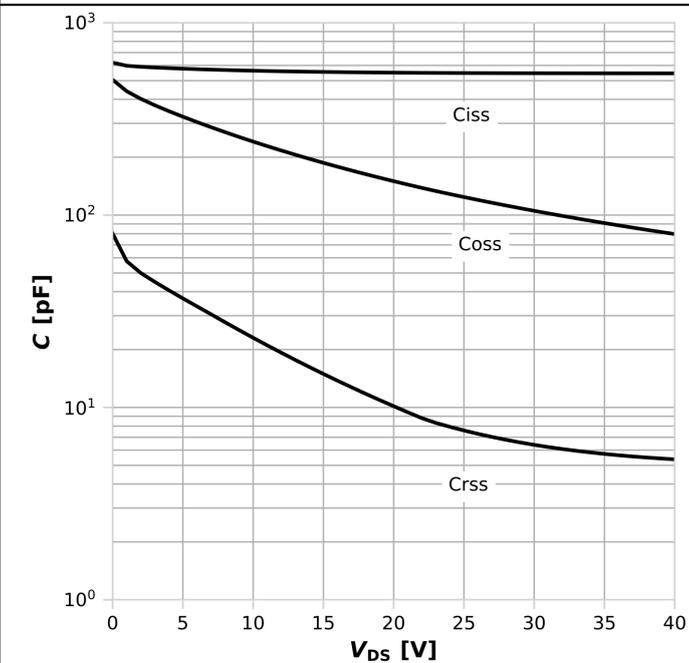
$$R_{DS(on)} = f(T_j), I_D = 7.9 \text{ A}, V_{GS} = 10 \text{ V}$$

Diagram 10: Typ. gate threshold voltage (n-channel)



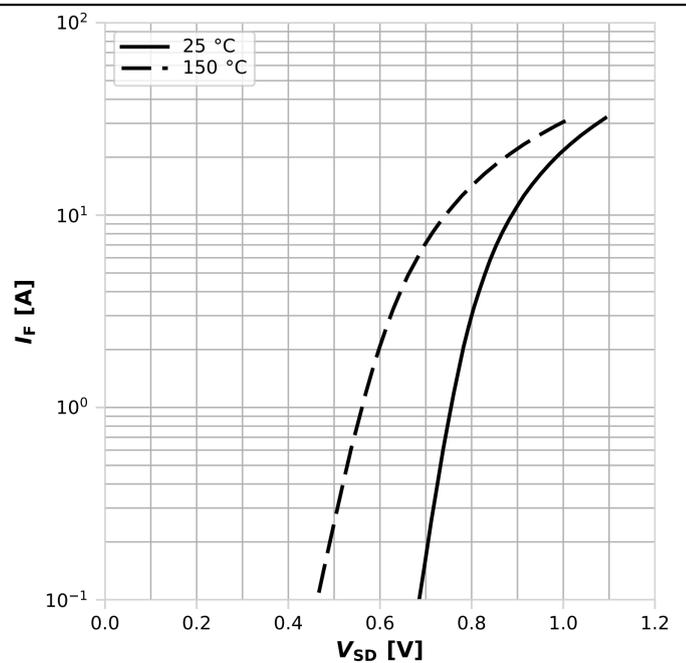
$$V_{GS(th)} = f(T_j), V_{GS} = V_{DS}; \text{ parameter: } I_D = 1000 \mu\text{A}$$

Diagram 11: Typ. capacitances (n-channel)



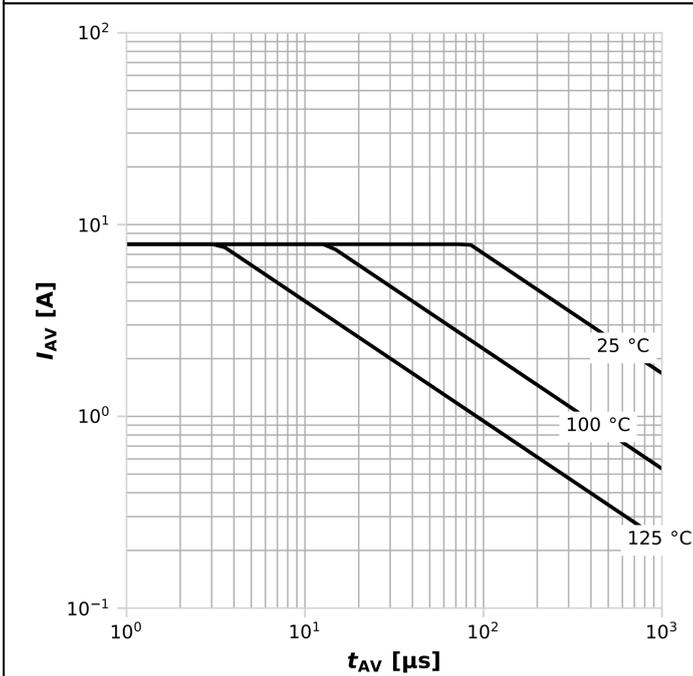
$$C = f(V_{DS}); V_{GS} = 0 \text{ V}; f = 1 \text{ MHz}$$

Diagram 12: Forward characteristics of reverse diode (n-ch.)



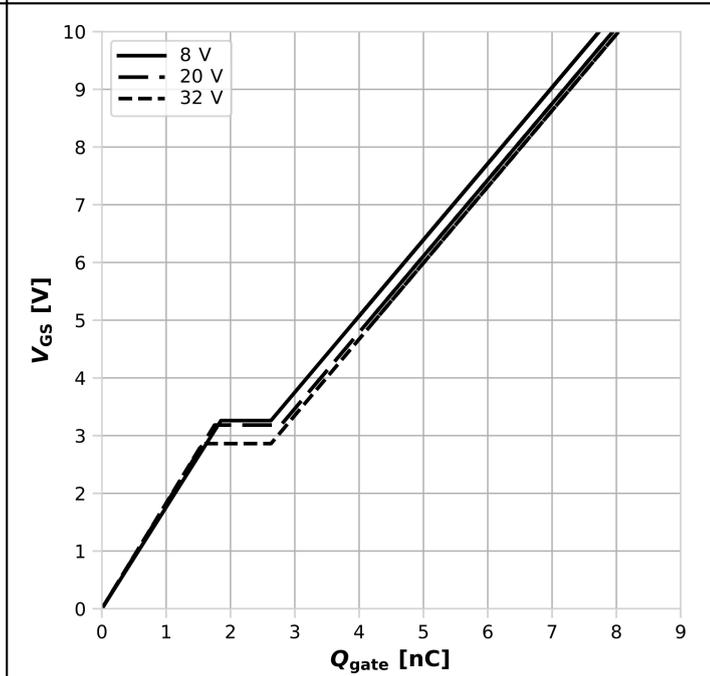
$$I_F = f(V_{SD}); \text{ parameter: } T_j$$

Diagram 13: Avalanche characteristics (n-channel)



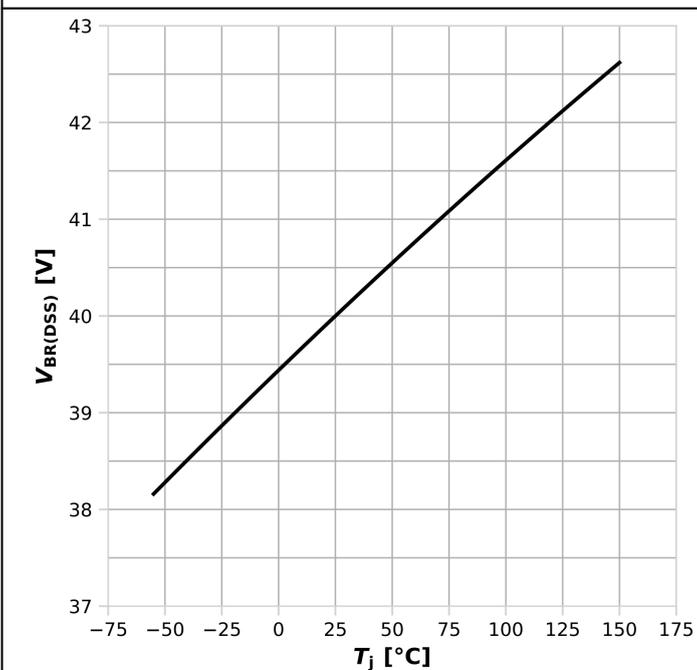
$$I_{AS}=f(t_{AV}); R_{GS}=25 \Omega; \text{parameter: } T_{j,\text{start}}$$

Diagram 14: Typ. gate charge (n-channel)



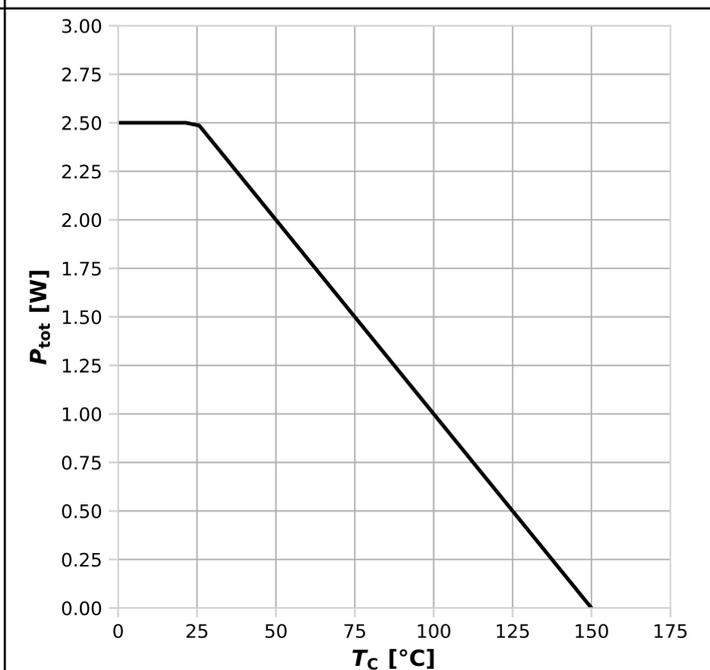
$$V_{GS}=f(Q_{\text{gate}}), I_D=7.9 \text{ A pulsed}, T_j=25 \text{ °C}; \text{parameter: } V_{DD}$$

Diagram 15: Drain-source breakdown voltage (n-channel)



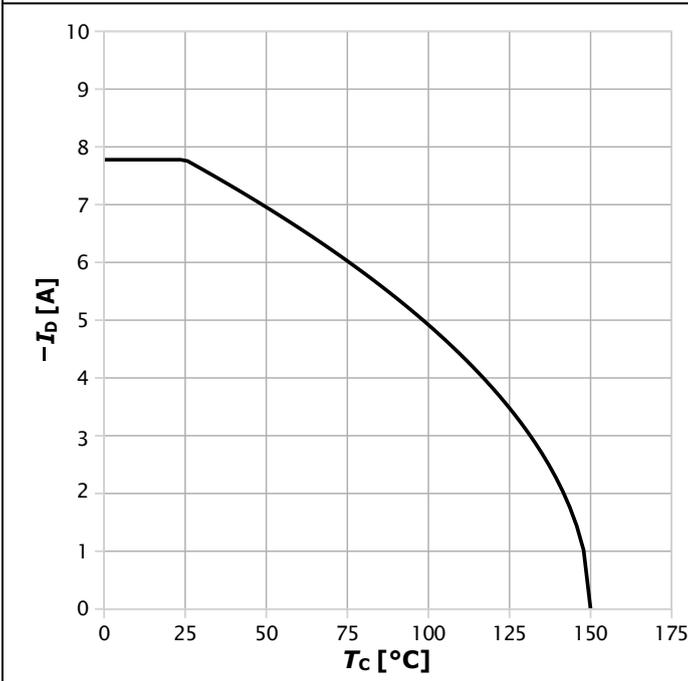
$$V_{BR(DSS)}=f(T_j); I_D=1 \text{ mA}$$

Diagram 16: Power dissipation (p-channel)



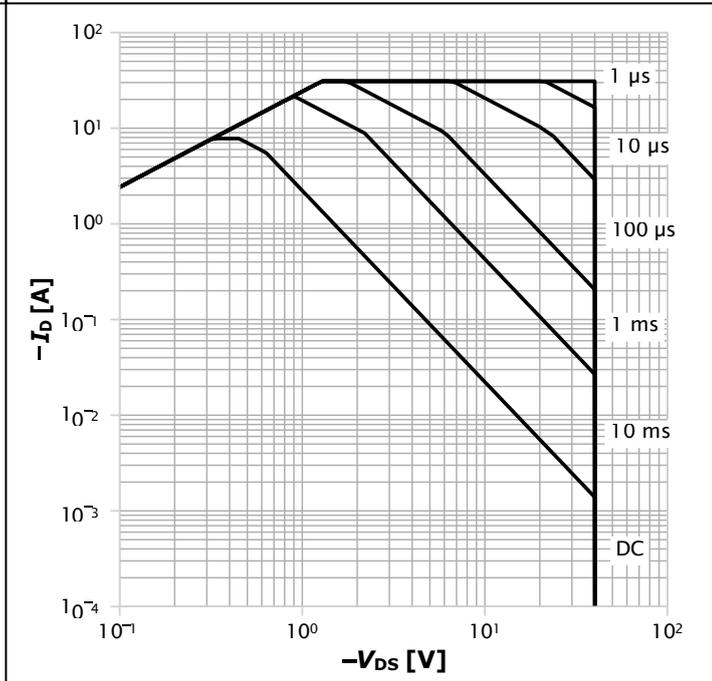
$$P_{\text{tot}}=f(T_C)$$

Diagram 17: Drain current (p-channel)



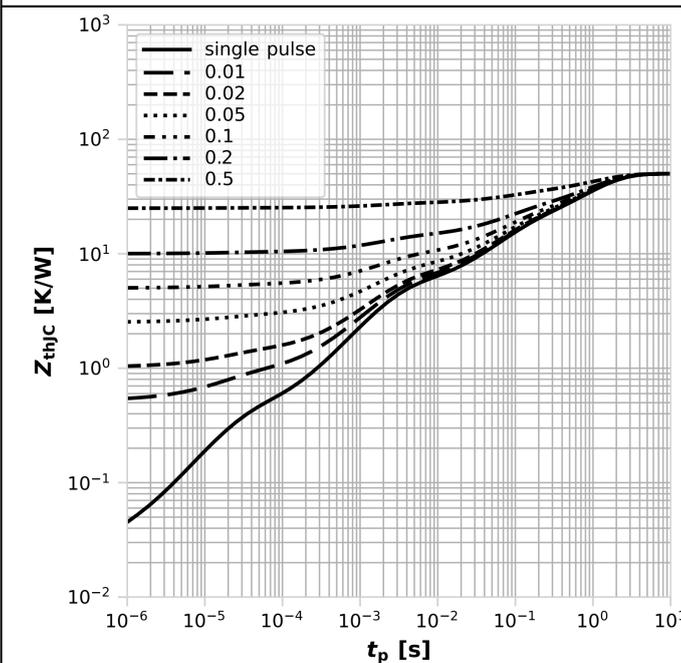
$I_D=f(T_C); |V_{GS}|\geq 10\text{ V}$

Diagram 18: Safe operating area (p-channel)



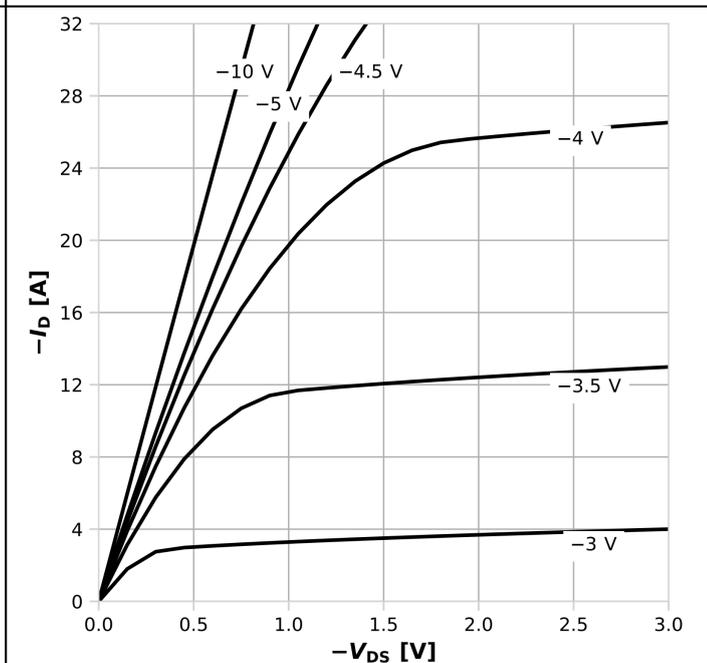
$I_D=f(V_{DS}); T_C=25^\circ\text{C}; D=0; \text{parameter: } t_p$

Diagram 19: Max. transient thermal impedance (p-channel)



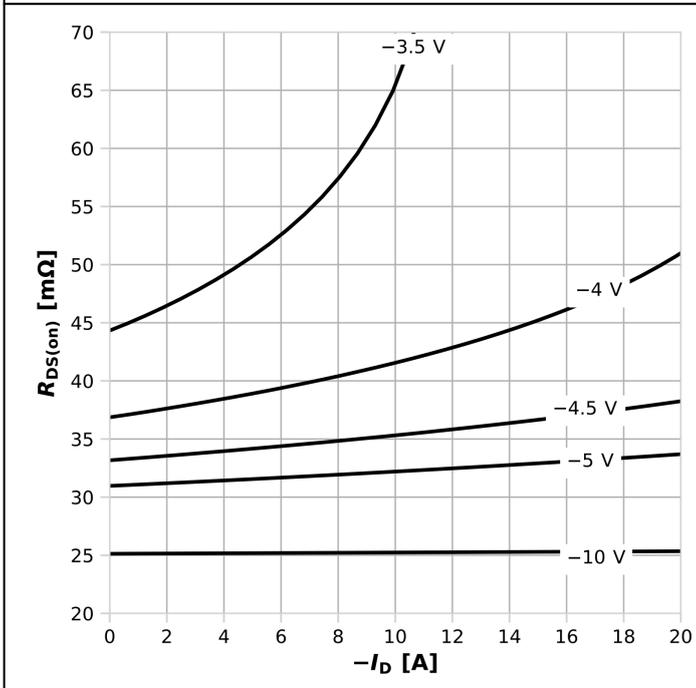
$Z_{thjC}=f(t_p); \text{parameter: } D=t_p/T$

Diagram 20: Typ. output characteristics (p-channel)



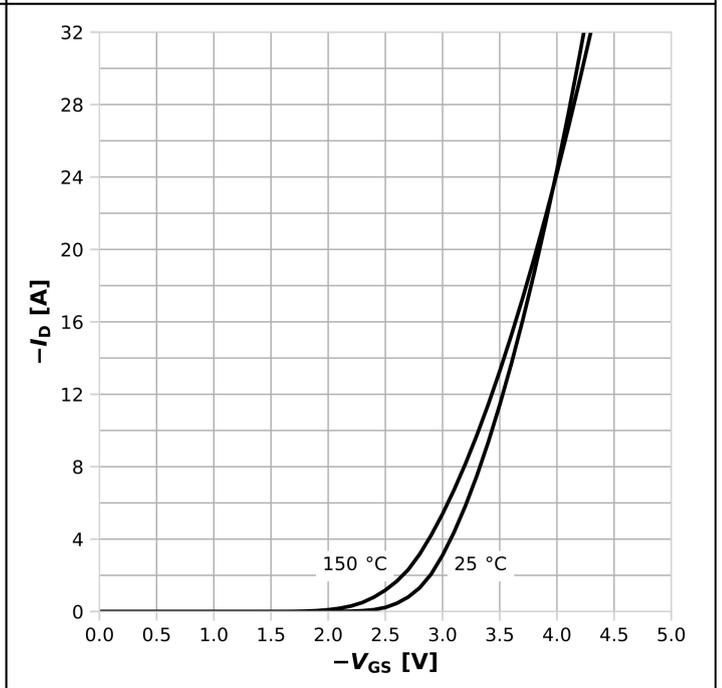
$I_D=f(V_{DS}), T_J=25^\circ\text{C}; \text{parameter: } V_{GS}$

Diagram 21: Typ. drain-source on resistance (p-channel)



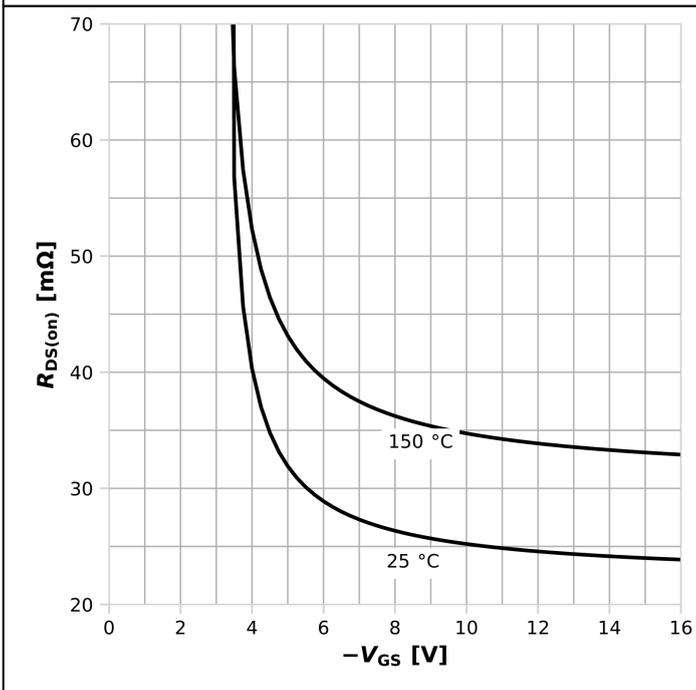
$R_{DS(on)}=f(I_D), T_j=25\text{ }^\circ\text{C};$ parameter: V_{GS}

Diagram 22: Typ. transfer characteristics (p-channel)



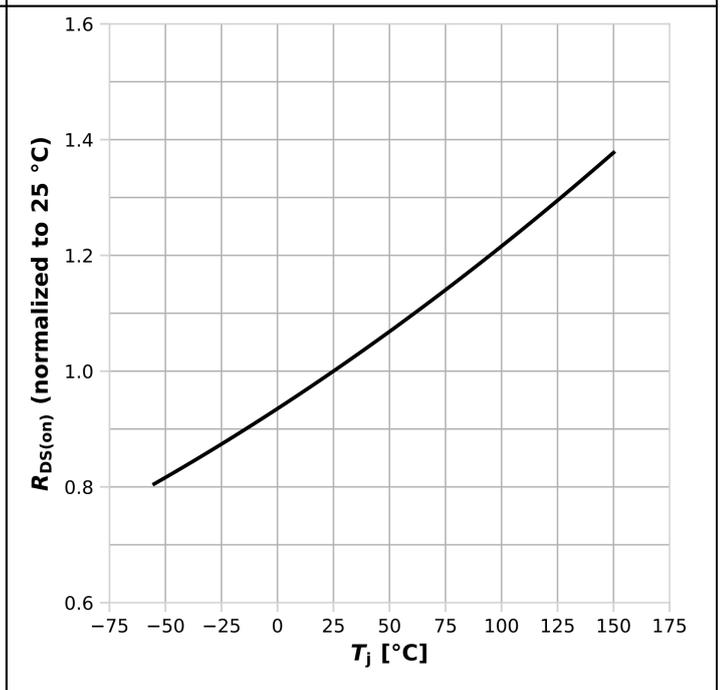
$I_D=f(V_{GS}), |V_{DS}|>2|I_D|R_{DS(on)max};$ parameter: T_j

Diagram 23: Typ. drain-source on resistance (p-channel)



$R_{DS(on)}=f(V_{GS}), I_D=-7.8\text{ A};$ parameter: T_j

Diagram 24: Normalized drain-source on resistance



$R_{DS(on)}=f(T_j), I_D=-7.8\text{ A}, V_{GS}=-10\text{ V}$

Diagram 25: Typ. gate threshold voltage (p-channel)

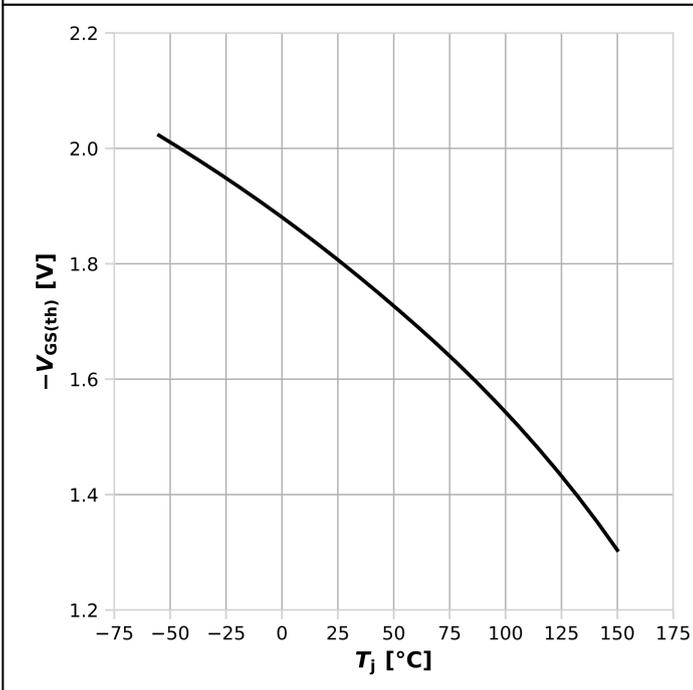

 $V_{GS(th)}=f(T_j)$, $V_{GS}=V_{DS}$; parameter: $I_D=1000\mu A$

Diagram 26: Typ. capacitances (p-channel)

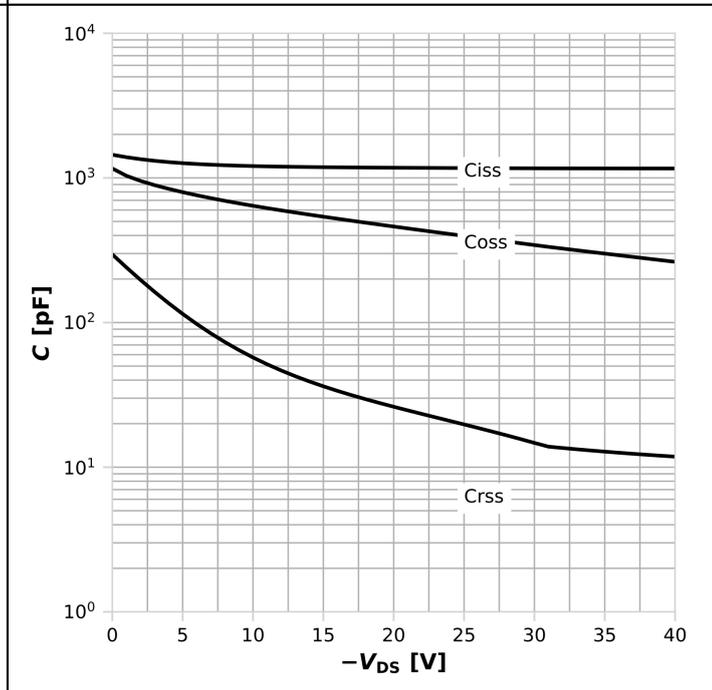

 $C=f(V_{DS})$; $V_{GS}=0 V$; $f=1 MHz$

Diagram 27: Forward characteristics of reverse diode (p-ch.)

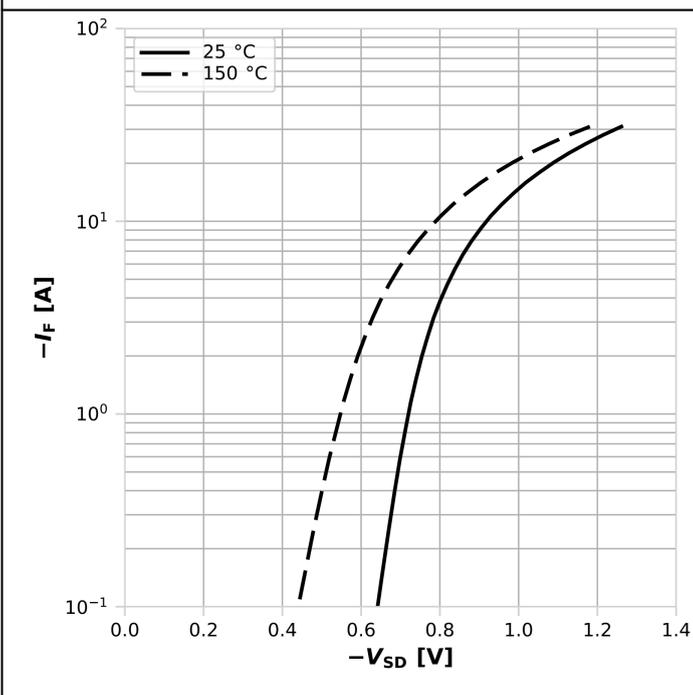

 $I_F=f(V_{SD})$; parameter: T_j

Diagram 28: Avalanche characteristics (p-channel)

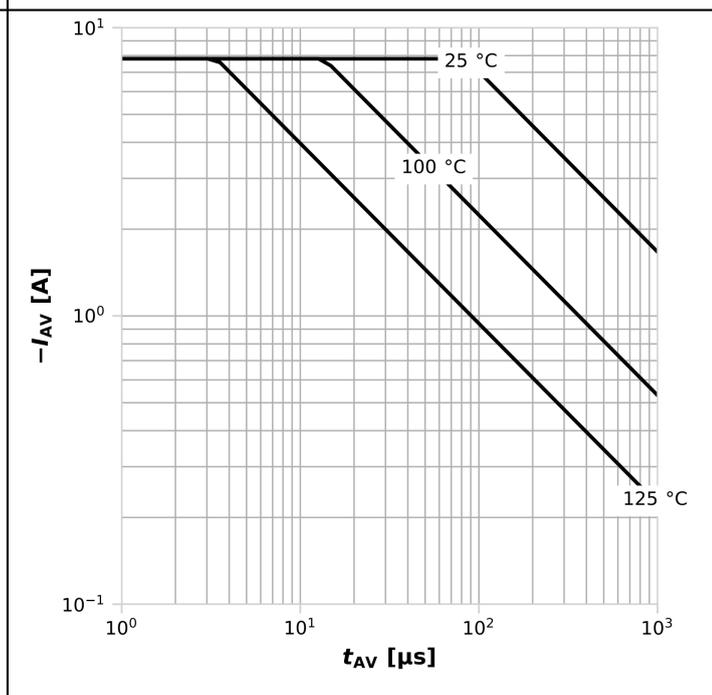
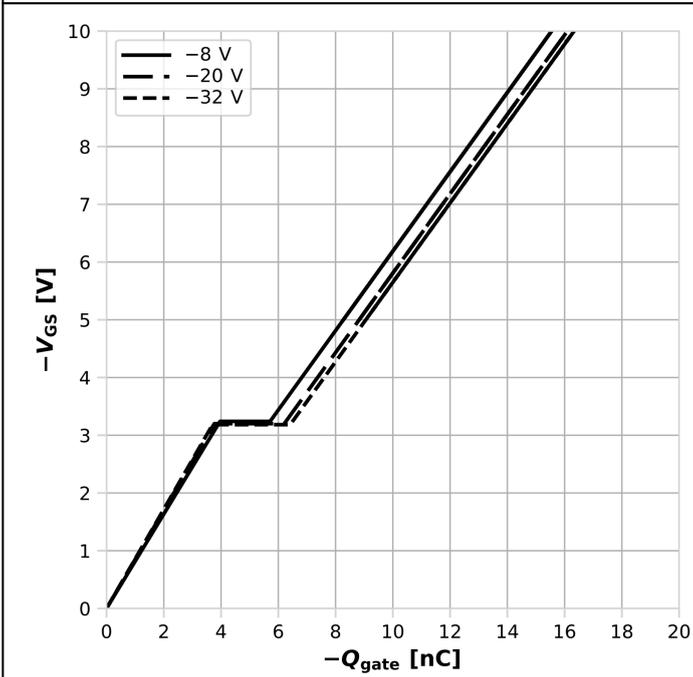
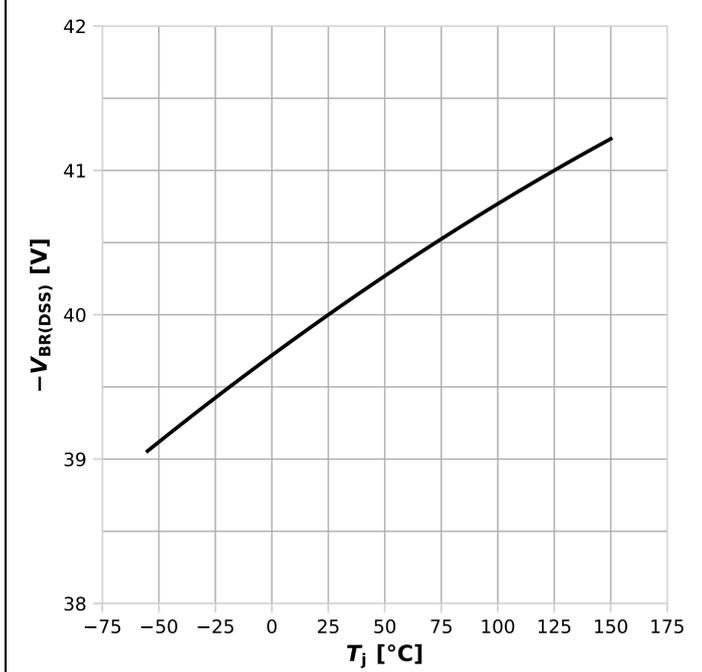

 $I_{AS}=f(t_{AV})$; $R_{GS}=25 \Omega$; parameter: $T_{j,start}$

Diagram 29: Typ. gate charge (p-channel)



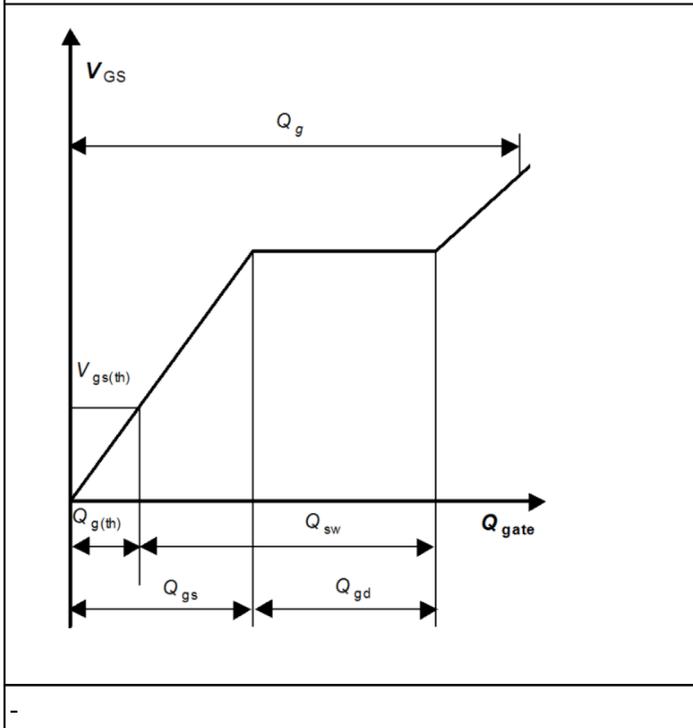
$V_{GS}=f(Q_{gate})$, $I_D=-7.8$ A pulsed, $T_j=25$ °C; parameter: V_{DD}

Diagram 30: Drain-source breakdown voltage (p-channel)

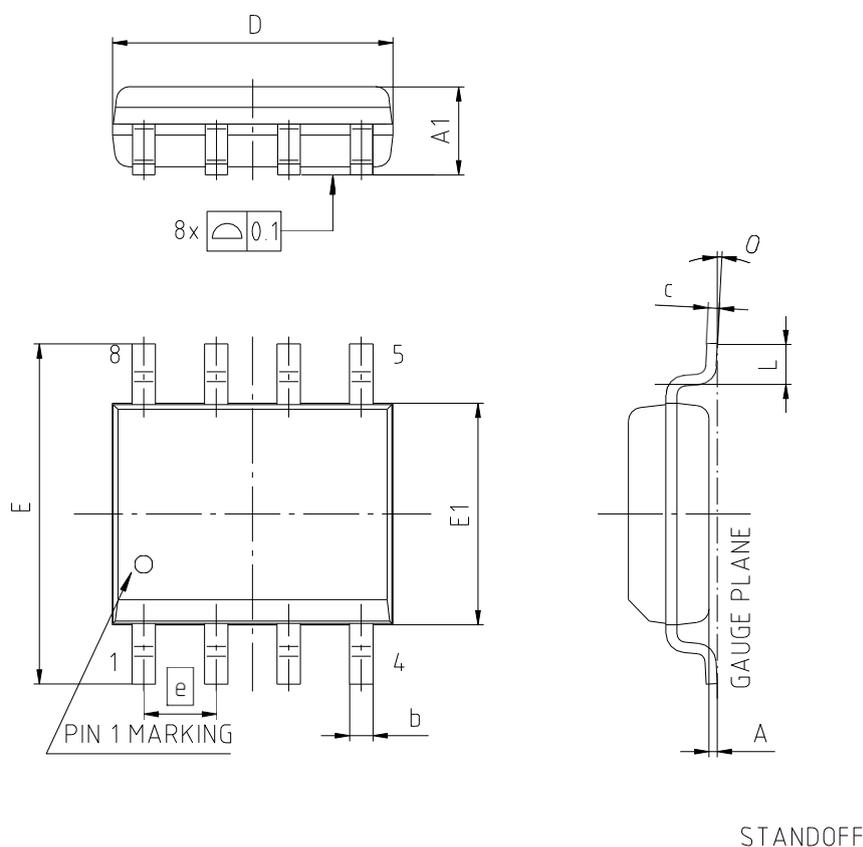


$V_{BR(DSS)}=f(T_j)$; $I_D=-1$ mA

Gate charge waveforms



5 封装外形



PACKAGE - GROUP NUMBER: PG-DSO-8-U02		
DIMENSIONS	MILLIMETERS	
	MIN.	MAX.
A	0.18	0.25
A1	1.35	1.75
b	0.38	0.51
c	0.254	
D	4.80	5.00
E	5.80	6.20
E1	3.80	4.00
e	1.27	
L	0.48	0.91
O	4°	
N	8	

NOTE:
DIMENSIONS DO NOT INCLUDE MOLD FLASH, PROTRUSION OR GATE BURRS

图 1 PG-DSO-8 外形图，尺寸单位为毫米

修订记录

ISA250300C04LMDS

Revision 2024 - 10 - 02 , Rev. 2 . 0

历史修订版本

Revision	Date	Subjects (major changes since last revision)
2.0	2024-10-02	Release of final datasheet

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