

AM2322N-T1-PF-VB Datasheet

N-Channel 30-V (D-S) MOSFET

PRODUCT SUMMARY						
V _{DS} (V)	R _{DS(on)} (Ω)	I _D (A) ^a	Q _g (Typ.)			
30	0.030 at V _{GS} = 10 V	6.5	4.5 nC			
50	0.033 at V _{GS} = 4.5 V	6.0	4.5110			

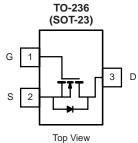
FEATURES

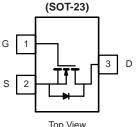
- Halogen-free According to IEC 61249-2-21 ٠ Definition
- Trench Power MOSFET
- 100 % R_g Tested
- Compliant to RoHS Directive 2002/95/EC ٠

APPLICATIONS

DC/DC Converter







S N-Channel MOSFET

GC

Parameter		Symbol	Limit	Unit	
Drain-Source Voltage		V _{DS}	30	V	
Gate-Source Voltage		V _{GS}	± 20	V	
	T _C = 25 °C		6.5 ^a		
Continuous Drain Current ($T_1 = 150 \ ^{\circ}C$)	T _C = 70 °C	I _D	6.0		
	T _A = 25 °C	טי	5.3		
	T _A = 70 °C		5.0	A	
Pulsed Drain Current		I _{DM}	25		
	T _C = 25 °C		1.4		
Continuous Source-Drain Diode Current	T _A = 25 °C	IS	0.9 ^{b, c}		
	T _C = 25 °C		1.7		
Maximum Power Dissipation	T _C = 70 °C	P _D	1.1	W	
	T _A = 25 °C		1.1 ^{b, c}	V V	
	T _A = 70 °C		0.7 ^{b, c}		
Operating Junction and Storage Temperature Range		T _J , T _{stg}	- 55 to 150	<u></u>	
Soldering Recommendations (Peak Temperature) ^{d, e}			260	-0	

THERMAL RESISTANCE RATINGS						
Parameter		Symbol	Typical	Maximum	Unit	
Maximum Junction-to-Ambient ^{b, d}	t ≤ 5 s	R _{thJA}	90	115	°C/W	
Maximum Junction-to-Foot (Drain) Steady State		R _{thJF}	60	75	0/11	

Notes:

a. Package limited

b. Surface Mounted on 1" x 1" FR4 board.

c. t = 5 s.

d. Maximum under steady state conditions is 130 °C/W.

$\begin{array}{ c c c c c } \hline Parameter & Symbol & Test Conditions & Min. & Typ. & Max. & Unit \\ \hline Static & & & & & & & & & & & & & & & & & & &$	SPECIFICATIONS $T_J = 25 \ ^{\circ}C$,	unless othe	rwise noted					
$\begin{array}{ c c c c c c c } \hline Drain-Source Breakdown Voltage & V_DS & V_GS = 0 V, I_D = 250 \ \mu A & 30 & & & V \\ V_DS =mperature Coefficient & \Delta V_{OS} T_J & I_D = 250 \ \mu A & .5 & .5 & .5 \\ \hline V_{OS} = Threshold Voltage & V_{OS} (m) & V_{DS} = V_{OS} , I_D = 250 \ \mu A & 0.7 & 1.1 & 2.0 & V \\ \hline Gate-Source Inteshold Voltage & V_{OS} & V_{OS} = 0 V, V_{OS} = 120 \ \mu A & 0.7 & 1.1 & 2.0 & V \\ \hline Gate-Source Leakage & I_{OSS} & V_{DS} = 0 V, V_{OS} = 120 \ \mu A & 0.7 & 1.1 & 2.0 & V \\ \hline Gate-Source Charge & O_{OS} & V_{OS} = 0 V, V_{OS} = 0 V & 10 & & A \\ \hline V_{DS} = 30 V, V_{OS} = 0 V, V_{OS} = 0 V & 10 & & A \\ \hline V_{DS} = 30 V, V_{OS} = 0 V, V_{OS} = 15 V & 10 & & A \\ \hline On-State Drain Current & I_{DSS} & V_{OS} = 10 V, I_D = 3.2 A & 0.030 & & \\ \hline Orain-Source On-State Resistance^a & R_{DS}(m) & V_{DS} = 15 V, V_{OS} = 10 V, I_D = 3.2 A & 0.030 & & \\ \hline Orain-Source On-State Resistance & C_{ms} & & V_{DS} = 15 V, V_{OS} = 0 V, I = 1 \ MHz & 45 & 6.7 \\ \hline Orburu Capacitance & C_{ms} & & V_{DS} = 15 V, V_{OS} = 0 V, I = 1 \ MHz & 45 & 6.7 \\ \hline Total Gate Charge & Q_g & & V_{DS} = 15 V, V_{OS} = 10 V, I_D = 3.4 A & 0.85 & & \\ \hline Gate-Drain Charge & Q_{gs} & & V_{DS} = 15 V, V_{OS} = 4.5 V, I_D = 3.4 A & 0.85 & & \\ \hline Gate-Drain Charge & Q_g & & & & & & & & & & & & & & & & & & &$	Parameter	Symbol	Test Conditions	Min.	Тур.	Max.	Unit	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Static							
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Drain-Source Breakdown Voltage	V _{DS}	$V_{GS} = 0 V, I_{D} = 250 \mu A$	30			V	
	V _{DS} Temperature Coefficient	$\Delta V_{DS}/T_{J}$	L = 250 uA		31		m\//ºC	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	V _{GS(th)} Temperature Coefficient	$\Delta V_{GS(th)}/T_J$	ΙΔ = 200 μΛ		- 5			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Gate-Source Threshold Voltage	V _{GS(th)}	$V_{DS} = V_{GS}$, $I_D = 250 \ \mu A$	0.7	1.1	2.0	V	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Gate-Source Leakage	I _{GSS}	$V_{DS} = 0 V, V_{GS} = \pm 20 V$			± 100	nA	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Zara Cata Valtaga Drain Current	1	$V_{DS} = 30 \text{ V}, \text{ V}_{GS} = 0 \text{ V}$			1		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Zero Gate voltage Drain Current	DSS	$V_{DS} = 30 \text{ V}, \text{ V}_{GS} = 0 \text{ V}, \text{ T}_{J} = 55 ^{\circ}\text{C}$			10	μΑ	
$ \begin{array}{ c c c c c } \hline \mbox{Drain-Source On-State Resistance}^a & \mbox{R} & \m$	On-State Drain Current ^a	I _{D(on)}	$V_{DS} \ge 5 \text{ V}, \text{ V}_{GS} = 10 \text{ V}$	10			А	
$ \begin{array}{ c c c c c } \hline \begin{tabular}{ c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		D	V _{GS} = 10 V, I _D = 3.2 A		0.030		- Ω	
$ \begin{array}{c c c c c c } \hline \mbox{transformed} & tra$	Drain-Source On-State Resistance ^a	R _{DS(on)}	V _{GS} = 4.5 V, I _D = 2.8 A		0.033			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Forward Transconductance ^a	9 _{fs}	V _{DS} = 15 V, I _D = 4.8 A		11		S	
$ \begin{array}{ c c c c c } \hline \mbox{Output Capacitance} & C_{\mbox{Oss}} & V_{\mbox{Oss}} = 15 \ V, \ V_{\mbox{Oss}} = 0 \ V, \ f = 1 \ MHz & 45 & 17 & 17 & 17 & 17 & 17 & 17 & 17 & 1$	Dynamic ^b							
$ \begin{array}{ c c c c c } \hline \mbox{Output Capacitance} & C_{\mbox{Oss}} & V_{\mbox{Oss}} = 15 \ V, \ V_{\mbox{Oss}} = 0 \ V, \ f = 1 \ MHz & 45 & 17 & 17 & 17 & 17 & 17 & 17 & 17 & 1$		C _{iss}			335			
$ \begin{array}{ c c c c c c c } \hline Reverse Transfer Capacitance & C_{rss} & & & & & & & & & & & & & & & & & & $			V _{DS} = 15 V, V _{GS} = 0 V, f = 1 MHz		45		pF	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Reverse Transfer Capacitance				17			
$ \begin{array}{ c c c c c c } \hline loc l c c c c c c c c c c c c c c c c c$			V _{DS} = 15 V, V _{GS} = 10 V, I _D = 3.4 A		4.5	6.7	nC	
$ \begin{array}{ c c c c c c c } \hline Gate-Source Charge & G_{gs} & V_{DS} = 15 \ V, \ V_{GS} = 4.5 \ V, \ I_D = 3.4 \ A & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 & 0.85 $	Total Gate Charge	Q _g			2.1	3.2		
$ \begin{array}{ c c c c c } \hline Gate-Drain Charge & Q_{gd} & & & & & & & & & & & & & & & & & & &$	Gate-Source Charge	Q _{gs}	V_{DS} = 15 V, V_{GS} = 4.5 V, I_{D} = 3.4 A		0.85			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Gate-Drain Charge				0.65			
$ \begin{array}{ c c c c c c c } \hline Rise Time & t_r & V_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega \\ l_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline l_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline L_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline L_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline Rise Time & t_r & V_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 10 & 15 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 10 & 15 \\ \hline Rise Time & t_r & U_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 10 & 15 \\ \hline Reverse Recover Dial Diode Characteristics & U & U_{DD} = 15 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline Reverse Recover Y \ Time & t_r & I_S & T_C = 25 \ C & 1.4 \ A & 15 \\ \hline Reverse Recover Y \ Fall Time & t_r & I_S & I_S = 2.7 \ A, \ V_{GS} = 0 \ V & 0.8 & 1.2 \ V \\ \hline Reverse Recover Y \ Fall Time & t_r & I_F = 2.7 \ A, \ dI/dt = 100 \ A/\mus, \ T_J = 25 \ C & 5 \ 10 \ nC \\ \hline Reverse Recover Y \ Fall Time & t_a & ns \\ \hline \end{array}$	Gate Resistance	-	f = 1 MHz	0.8	4.4	8.8	Ω	
$ \begin{array}{ c c c c c c } \hline Rise Time & t_r & V_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 4.5 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 12 & 20 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 \\ \hline I_D \cong 2.7 \ A, \ V_{GEN} = 0 \ V & 0.8 \ 1.2 \ V \\ \hline I_D \cong 0 \ O I_D \ O I_$	Turn-On Delay Time	t _{d(on)}			12	20		
$\begin{tabular}{ c c c c c c } \hline Fall Time & t_f & & & & & & & & & & & & & & & & & & &$	Rise Time		$V_{DD} = 15 \text{ V}, \text{ R}_{1} = 5.6 \Omega$		50	75	-	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Turn-Off Delay Time	t _{d(off)}	$I_D \cong 2.7 \text{ A}, V_{GEN} = 4.5 \text{ V}, R_g = 1 \Omega$		12	20		
$\begin{tabular}{ c c c c c c } \hline Turn-On Delay Time & t_d(on) & t_d(on) & V_{DD} = 15 \ V, \ R_L = 5.6 \ \Omega & 12 & 20 & I_D = 2.7 \ A, \ V_{GEN} = 10 \ V, \ R_g = 1 \ \Omega & 10 & 15 & I0 & I10 & I5 & I5 & I10 & I5 & I10 & I5 & I5 & I5 & I10 & I5 & I5 & I5 & I10 & I5 & I$	Fall Time	t _f			22	35		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Turn-On Delay Time	t _{d(on)}			5	10	ns	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Rise Time		$V_{DD} = 15 \text{ V}, \text{ R}_{1} = 5.6 \Omega$		12	20	-	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Turn-Off Delay Time	t _{d(off)}	$I_D \cong 2.7 \text{ A}, V_{GEN} = 10 \text{ V}, \text{ R}_g = 1 \Omega$		10	15		
$\begin{array}{c c c c c c c c c } \hline Continuous Source-Drain Diode Current & I_S & T_C = 25 \ ^{\circ}C & & 1.4 & \\ \hline Pulse Diode Forward Current & I_{SM} & & 15 & \\ \hline Body Diode Voltage & V_{SD} & I_S = 2.7 \ A, \ V_{GS} = 0 \ V & 0.8 & 1.2 & V \\ \hline Body Diode Reverse Recovery Time & t_{rr} & & 10 & 20 & ns \\ \hline Body Diode Reverse Recovery Charge & Q_{rr} & & I_F = 2.7 \ A, \ dI/dt = 100 \ A/\mu s, \ T_J = 25 \ ^{\circ}C & 5 & 10 & nC \\ \hline Reverse Recovery Fall Time & t_a & & & & \\ \hline \end{array}$	Fall Time				5	10		
Pulse Diode Forward CurrentI I SMI SABody Diode VoltageV SDI S = 2.7 A, V GS = 0 V0.81.2VBody Diode Reverse Recovery Time t_{rr} 1020nsBody Diode Reverse Recovery ChargeQ rrI F = 2.7 A, dI/dt = 100 A/µs, T J = 25 °C510nCReverse Recovery Fall Timet aI F100 A/µs, T J = 25 °C510nC	Drain-Source Body Diode Characteristic	s					1	
Pulse Diode Forward CurrentI I SMI S15Body Diode VoltageV SDI S $I_S = 2.7 \text{ A}, V_{GS} = 0 \text{ V}$ 0.81.2VBody Diode Reverse Recovery Time t_{rr} 1020nsBody Diode Reverse Recovery Charge Q_{rr} $I_F = 2.7 \text{ A}, dI/dt = 100 \text{ A/}\mus, T_J = 25 ^{\circ}C$ 510nCReverse Recovery Fall Time t_a rr rr rr rr rr	Continuous Source-Drain Diode Current	ا _S	T _C = 25 °C			1.4	٨	
	Pulse Diode Forward Current	I _{SM}				15	A	
	Body Diode Voltage	V _{SD}	$I_{\rm S} = 2.7 {\rm A}, {\rm V}_{\rm GS} = 0 {\rm V}$		0.8	1.2	V	
Reverse Recovery Fall Time t_a $I_F = 2.7 \text{ A}, dI/dt = 100 \text{ A/}\mu\text{s}, I_J = 25 \text{ °C}$ 6 ns	Body Diode Reverse Recovery Time				10	20	ns	
Reverse Recovery Fall Time t _a 6	Body Diode Reverse Recovery Charge	Q _{rr}			5	10	nC	
ns ns	Reverse Recovery Fall Time	ta	$I_F = 2.7 \text{ A}, \text{ al/at} = 100 \text{ A/}\mu\text{s}, I_J = 25 \text{ °C}$		6		- ns	
	Reverse Recovery Rise Time	t _b			4			

Notes:

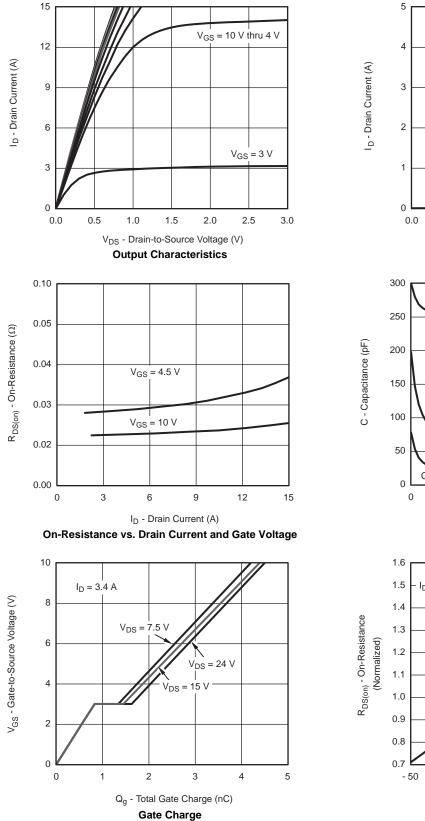
a. Pulse test; pulse width \leq 300 $\mu s,$ duty cycle \leq 2 %

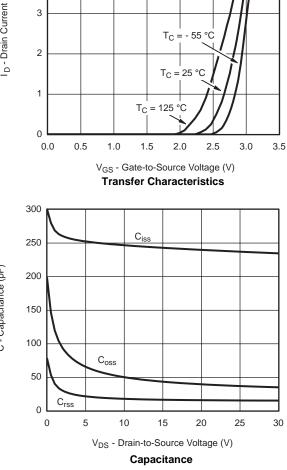
b. Guaranteed by design, not subject to production testing.

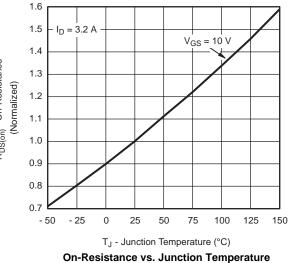
Stresses beyond those listed under "Absolute Maximum Ratings" may cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated in the operational sections of the specifications is not implied. Exposure to absolute maximum rating conditions for extended periods may affect device reliability.

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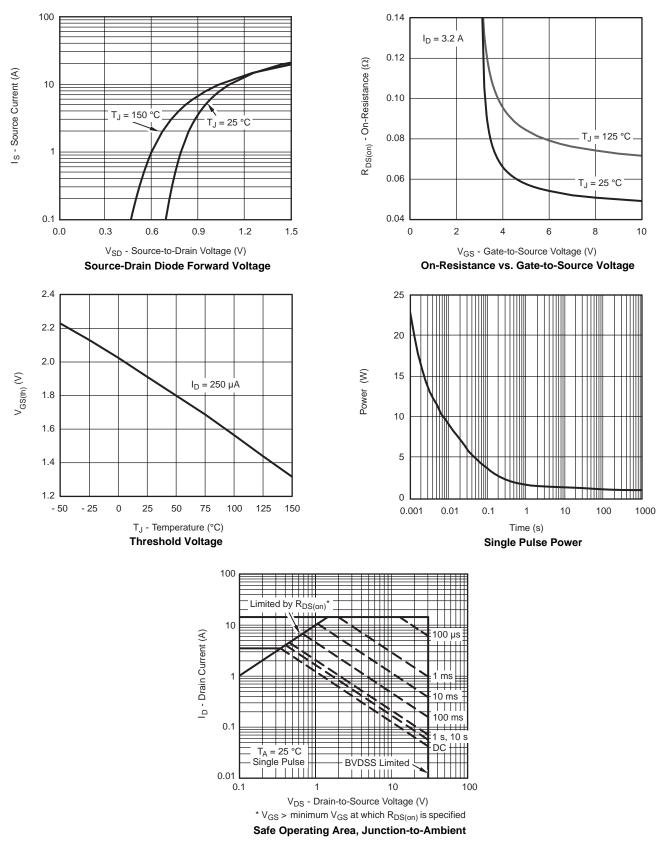




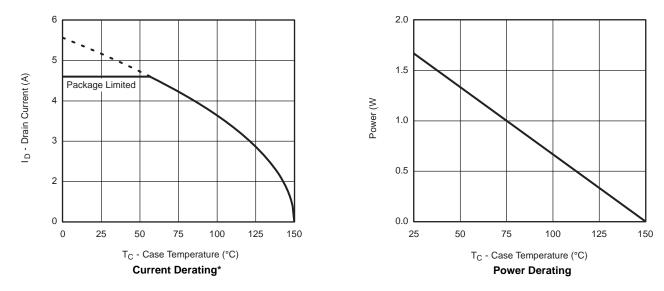






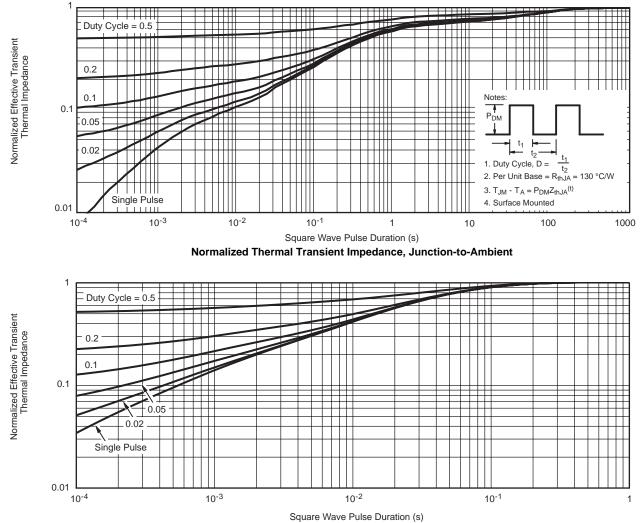






* The power dissipation P_D is based on $T_{J(max)}$ = 150 °C, using junction-to-case thermal resistance, and is more useful in settling the upper dissipation limit for cases where additional heatsinking is used. It is used to determine the current rating, when this rating falls below the package limit.





Normalized Thermal Transient Impedance, Junction-to-Foot



SOT-23 (TO-236): 3-LEAD





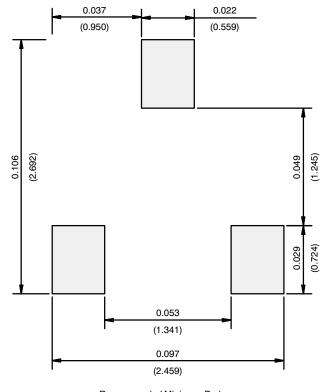


Dim	MILLIN	IETERS	INCHES			
	Min	Max	Min	Мах		
А	0.89	1.12	0.035	0.044		
A ₁	0.01	0.10	0.0004	0.004		
A ₂	0.88	1.02	0.0346	0.040		
b	0.35	0.50	0.014	0.020		
C	0.085	0.18	0.003	0.007		
D	2.80	3.04	0.110	0.120		
E	2.10	2.64	0.083	0.104		
E ₁	1.20	1.40	0.047	0.055		
е	0.95 BSC		0.0374 Ref			
e ₁	1.90 BSC		0.074	0.0748 Ref		
L	0.40	0.60	0.016	0.024		
L ₁	0.64 Ref		0.64 Ref		0.025	5 Ref
S	0.50 Ref		0.020) Ref		
q	3°	8°	3°	8°		

AM2322N-T1-PF-VB



RECOMMENDED MINIMUM PADS FOR SOT-23



Recommended Minimum Pads Dimensions in Inches/(mm)

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Disclaimer

All products due to improve reliability, function or design or for other reasons, product specifications and data are subject to change without notice.

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