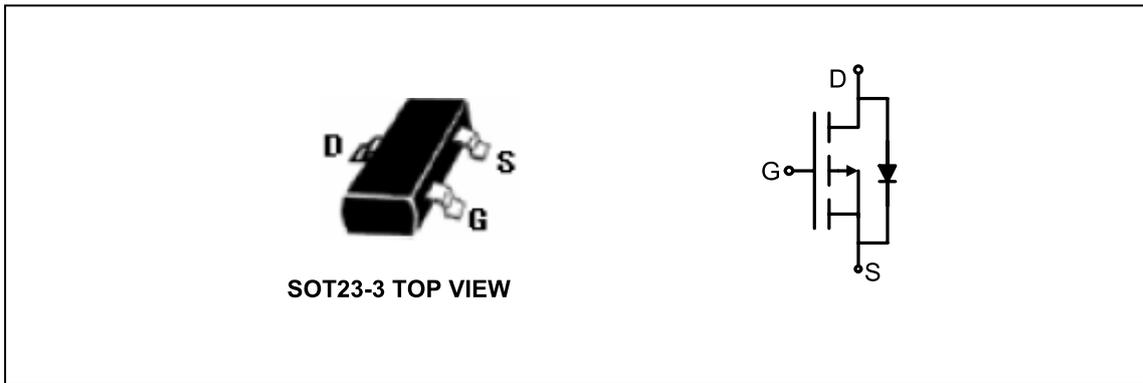


PRODUCT SUMMARY		
V_{DSS}	I_D	$R_{DS(ON)(m\Omega)Max}$
-20V	-3A	<100m Ω @ $V_{GS}=-2.5V$
		<80m Ω @ $V_{GS}=-4.5V$

FEATURES

- ◆ Low gate charge and operation as low as 2.5V
- ◆ High Power and current handling capability
- ◆ Surface Mount Package



ORDER INFORMATION

Order Number	Package	Packing	Remark
ASM2307M/TR-HF	SOT23-3	Tape&Reel,MPQ=3000	Green
ASM2307M/TR-LF	SOT23-3	Tape&Reel,MPQ=3000	Lead-Free

ABSOLUTE MAXIMUM RATINGS ($T_A=25^{\circ}$ unless otherwise noted)

Parameter	Symbol	Limit	Unit
Drain-Source Voltage	V_{DS}	-20	V
Gate-Source Voltage	V_{GS}	± 10	V
Drain Current-continuous ^{Note1}	I_D	-3	A
-Pulsed ^{Note1}	I_{DM}	-10	A
Maximum Power Dissipation	P_D	1.25	W
Operating Junction and Storage Temperature Range	T_J, T_{STG}	-55 to 150	$^{\circ}C$
Thermal Resistance, Junction-to Ambient ^{Note2}	$R_{\theta,ja}$	100	$^{\circ}C/W$