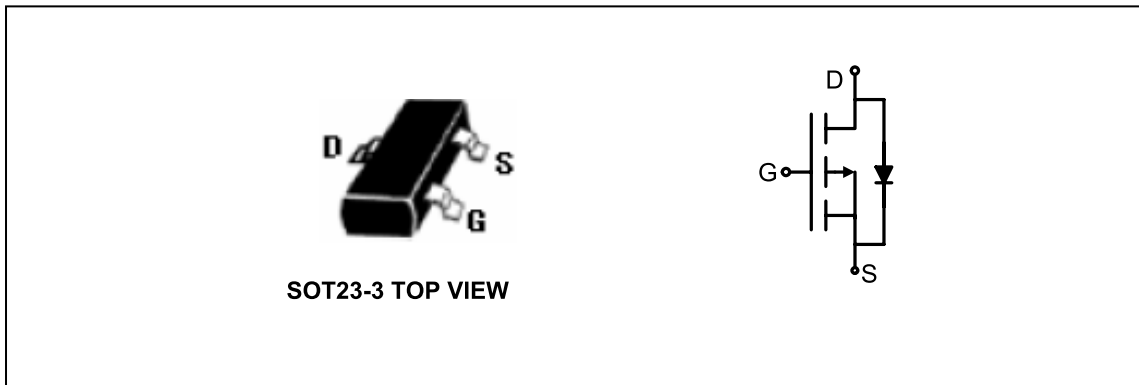


PRODUCT SUMMARY		
$V_{DS}$	$I_D$	$R_{DS(ON)(m\Omega)Max}$
-20V	-3A	<100m $\Omega$ @ $V_{GS}=-2.5V$
		<80m $\Omega$ @ $V_{GS}=-4.5V$

## 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	$V_{GS}$	$\pm 10$	V
Drain Current-continuous <sup>Note1</sup>	$I_D$	-3	A
-Pulsed <sup>Note1</sup>	$I_{DM}$	-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 <sup>Note2</sup>	$R_{\theta,ja}$	100	$^{\circ}C/W$