

## Product Summary

$V_{DS}$	$V_{GS}$	$I_D$	$R_{DS(ON)}(m\Omega)$
30V	$\pm 12V$	6A	24m $\Omega$ @ $V_{GS}=10V$
			27m $\Omega$ @ $V_{GS}=4.5V$
			39m $\Omega$ @ $V_{GS}=2.5V$

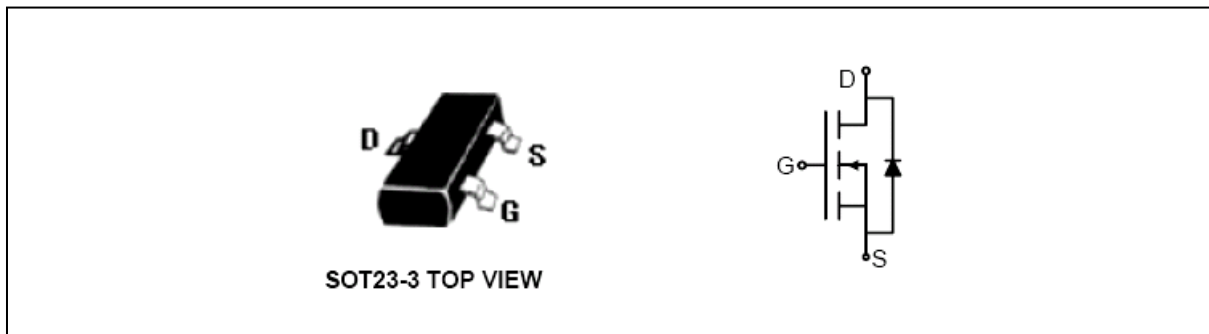
## Features

- ◆ Low Gate Charge Voltage as low as 2.5V
- ◆ High Power and Current Handling Capability
- ◆ Surface Mount Package

## Application

- ◆ Portable Devices
- ◆ Load Switch
- ◆ DC-DC Conversion

## Pin Configuration



## Order Information

Part No.	Package	Packing	Remark
ASM3402M/TR-LF	SOT23-3	Tape & Reel, MPQ=3000	Lead-Free
ASM3402M/TR-HF	SOT23-3	Tape & Reel, MPQ=3000	Green

## Absolute Maximum Ratings ( $T_A=25^\circ C$ unless otherwise specified)

Parameter	Symbol	Ratings	Units
Drain-Source Voltage	$V_{DS}$	30	V
Gate-Source Voltage	$V_{GS}$	$\pm 12$	V
Drain Current-Continuous@Current-Pulsed <sup>Note1</sup>	$I_D$	6	A
	$I_{DM}$	30	
Maximum Power Dissipation	$P_D$	850	mW
Operating Junction and Storage Temperature	$T_{STG}, T_J$	-55 to 150	$^\circ C$