

Product Summary

V _{DS}	V _{GS}	I _D	R _{DS(ON)} (mΩ)
30V	±12V	6A	24mΩ@V _{GS} =10V
			27mΩ@V _{GS} =4.5V
			39mΩ@V _{GS} =2.5V

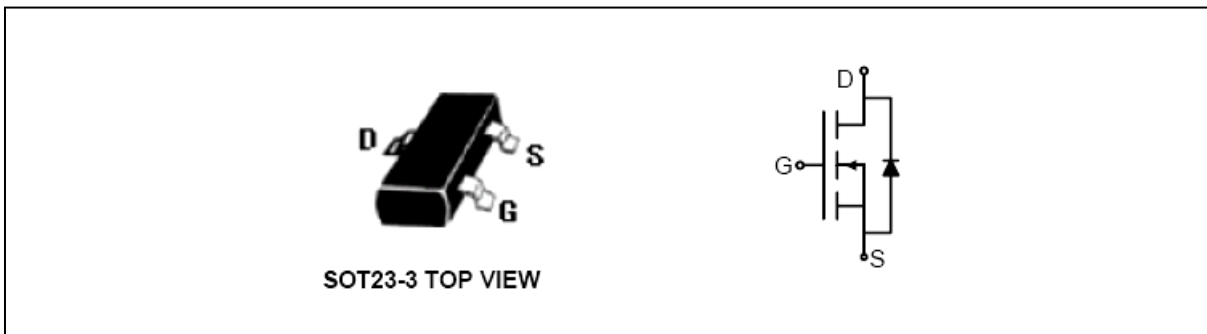
Features

- ◆ 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°C unless otherwise specified)

Parameter	Symbol	Ratings	Units
Drain-Source Voltage	V _{DS}	30	V
Gate-Source Voltage	V _{GS}	±12	V
Drain Current-Continuous@Current-Pulsed ^{Note1}	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	°C