



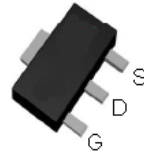
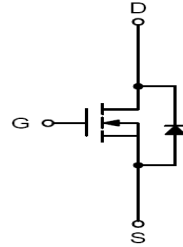
The 3401 uses advanced trench technology to provide excellent RDS(ON) and low gate charge. This device is suitable for use as a load switch or in PWM applications.

GENERAL FEATURES

- RDS(ON) <70mΩ @ VGS=-4.5V
RDS(ON) <60mΩ @ VGS=-10V
- High Power and current handling capability
- Lead free product is acquired
- Surface Mount Package

Application

- PWM applications
- Load switch
- Power management



Top View SOT-89

ABSOLUTE MAXIMUM RATINGS(TA=25°C unless otherwise noted)

Symbol	Parameter		Rating	Unit
Common Ratings (Tc=25°C Unless Otherwise Noted)				
V _{GS}	Gate-Source Voltage		±12	V
V _{(BR)DSS}	Drain-Source Breakdown Voltage		-30	V
T _J	Maximum Junction Temperature		175	°C
T _{STG}	Storage Temperature Range		-50 to 150	°C
I _S	Diode Continuous Forward Current ^①	T _C =25°C	-4.2	A
I _{DM}	Pulse Drain Current Tested ^①	T _C =25°C	-16	A
I _D	Continuous Drain Current(V _{GS} =-10V) ^①	T _C =25°C	-4.2	A