3401/X

P-Channel Trench Power MOSFET

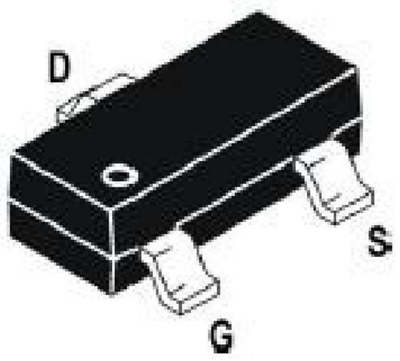
Features

- VDS=30V, ID=-4.2A
- RDS(ON) <57 mΩ @ VGS = -4.5V
- RDS(ON) <50 mΩ @ VGS = -10V
- High Power and Current Handing Capability
- Lead Free Product is Acquired
- Surface Mount Package

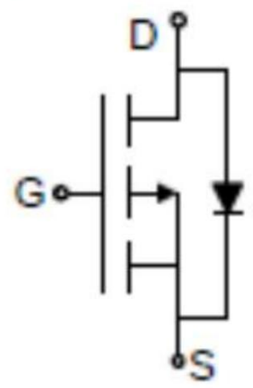
Application

- PWM Applications
- Load Switch
- Power Management

Package



SOT-23-3L



Schematic Diagram

Absolute Maximum Ratings (T_C=25℃ unless otherwise specified)

Symbol	Parameter		Value	Units
V_{DSS}	Drain-Source Voltage		-30	V
V_{GSS}	Gate-Source Voltage		±12	V
I_D	Continuous Drain Current	T_C = 25℃	-4.2	A
		T_C = 100℃	-2.7	A
P_D	Power Dissipation	T_C = 25℃	1.28	W
$R_{\theta JA}$	Thermal Resistance, Junction to Ambient		97.6	℃/W
T_J, T_{STG}	Operating and Storage Temperature Range		-55 to +150	℃

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