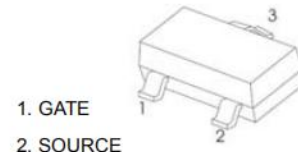




DP2302 N-Channel 0-V(D-S)MOSFET

V(BR)DSS	Rds(on)MAX	Id
20V	30mΩ@4.5V	2.1A
	40mΩ@2.5V	

SOT-23



1. GATE
2. SOURCE
3. DRAIN

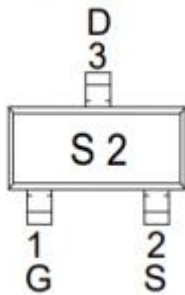
FEATURE

- TrenchFET Power MOSFET

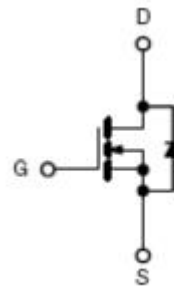
APPLICATION

- Load Switch for Portable Devices
- DC/DC Converter

MARKING



Equivalent Circuit



Maximum Ratings(TA=25°C unless otherwise noted)

Parameter	Symbol	Value	Unit
Drain-Source Voltage	V _{DS}	20	V
Gate-Source Voltage	V _{GS}	±8	V
Continuous Drain Current	I _D	2.1	A
Continuous Source-Drain Current(Diode Conduction)	I _S	0.6	A
Power Dissipation	P _D	0.4	W
Thermal Resistance,Junction-to-Ambient (t ≤ 5s)	R _{θJA}	312.5	°C/W
Operating Junction	T _J	150	°C
Storage Temperature	T _{STG}	-55 To 150	°C