

Rev.A Dec.-2023

SOP-8            P        MOS

Double P-CHANNEL MOSFET in a SOP-8 Plastic Package.

$V_{DS}=-60V$ ;         $I_D=-3.5A$

$R_{DS(on)1}@-10V$  100m (Type.83m )

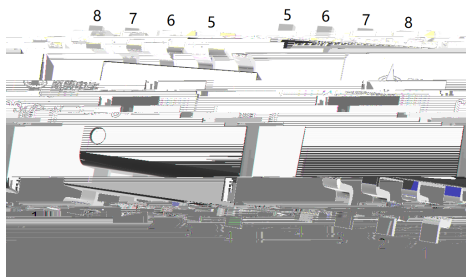
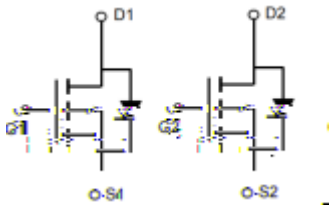
$R_{DS(on)2}@-4.5V$  130m (Type.100m )

AEC-Q101

Qualified to AEC-Q101 Standards for High Reliability,

HF Product.

Power Management in Computer, Portable Equipment and Battery Powered Systems, Load Switches, Motor Control, Meet the stringent requirements of automotive applications.



PIN1 S1    PIN 2 G1    PIN 3 S2    PIN 4 G2

PIN 5 D2    PIN 6 D2    PIN 7 D1    PIN 8 D1

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Drain–Source Voltage	$V_{DSS}$	-60	V
Gate–Body Leakage Voltage	$V_{GSS}$	$\pm 20$	V
Drain Current – Continuous	$I_D$	-3.5	A
Pulsed Drain Current	$I_{DM}$	-16	A
Power Dissipation	$P_D$	2	W
Operating and Storage Temperature Range	$T_J, T_{STG}$	-55 150	
Maximum Junction-to-Ambient	Steady-State $R_{JA}$	62.5	/W

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Drain–Source Breakdown Voltage	$V_{(BR)DSS}$	$V_{GS}=0V$ $I_D=-250$				

