

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)

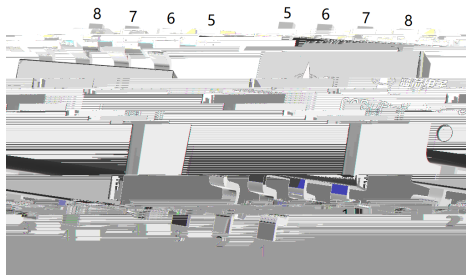
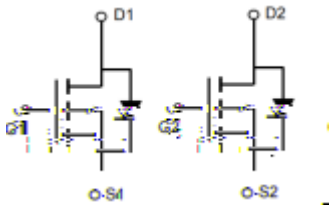
$R_{DS(on)2}@-4.5V$ 130m (Type.100m)

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}	± 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	$V_{(BR)DSS}$	$V_{GS}=0V$ $I_D=-250$				

