

Features

- · Epoxy Meets UL 94 V-0 Flammability Rating
- · Moisture Sensitivity Level 1
- · Halogen Free Available Upon Request By Adding Suffix "-HF"
- Lead Free Finish/RoHS Compliant ("P" Suffix Designates RoHS Compliant. See Ordering Information)

Dual P-Channel MOSFET

Maximum Ratings

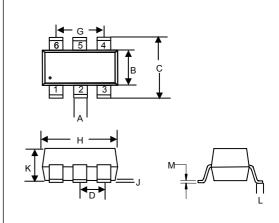
Operating Junction Temperature Range : -55°C to +150°C

• Storage Temperature Range: -55°C to +150°C

Maximum Thermal Resistance: 357°C/W Junction to Ambient

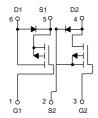
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V _{DS}	-30	V
Gate-Source Volltage	V_{GS}	±20	V
Continuous Drain Current	I _D	-3	Α
Pulsed Drain Current	I _{DM}	-20	Α
Power Dissipation	P _D	0.35	W

SOT23-6L



DIMENSIONS					
DIM	INCHES		MM		NOTE
DIIVI	MIN	MAX	MIN	MAX	NOTE
Α	0.012	0.020	0.30	0.50	
В	0.051	0.070	1.30	1.80	
С	0.087	0.126	2.20	3.20	
D	0.037		0.95		TYP.
G	0.074		1.90		TYP.
Н	0.106	0.122	2.70	3.10	
J	0.002	0.006	0.05	0.15	
K	0.030	0.051	0.75	1.30	
L	0.012	0.024	0.30	0.60	
M	0.003	0.008	0.08	0.22	

Internal Structure



Marking:2623



Electrical Characteristics @ 25°C (Unless Otherwise Specified)

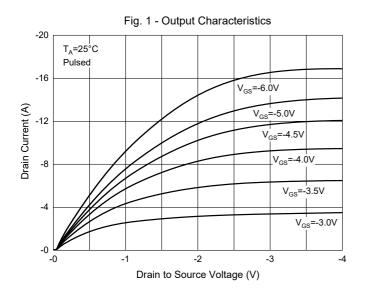
Parameter	Symbol	Test conditions	Min	Тур	Max	Unit
Static Characteristics	1					1
Drain-Source Breakdown Voltage	V _{(BR)DSS}	V _{GS} =0V, I _D =-250μA	-30			V
Gate-Threshold Voltage	V _{GS(th)}	V _{DS} =V _{GS} , I _D =-250μA	-1		-3	V
Gate-Body Leakage Current	I _{GSS}	V _{GS} =± 20V, V _{DS} =0V			±100	nA
Zero Gate Voltage Drain Current	I _{DSS}	V _{DS} =20V, V _{GS} =0V			1	μA
Drain-Source On-Resistance ^(Note 1)	В	V _{GS} =10V, I _D =-3A			130	m0
	R _{DS(on)}	V _{GS} =-4.5V, I _D =2A			180	mΩ
Forward Tranconductance ^(Note 1)	g _{FS}	V _{DS} =-5V, I _D =-2A		2		S
Diode Forward Voltage ^(Note 1)	V _{SD}	V _{GS} =0V, I _S =1A			-1.2	V
Dynamic Characteristics(Note 2)						
Input Capacitance	C _{iss}				240	pF
Output Capacitance	C _{oss}	V _{DS} =-25V,V _{GS} =0V, f=1MHz		42		
Reverse Transfer Capacitance	C _{rss}			32		
Switching Characteristics (Note	2)		1		1	1
Turn-On Delay Time	t _{d(on)}			5		
Turn-On Rise Time	t _r	V_{DD} =-15V, V_{GS} =-10V, R_{D} =15 Ω ,		6		- ns
Turn-Off Delay Time	t _{d(off)}	I_D =-1A,R _G =3.3 Ω		15		
Turn-Off Fall Time	t _f			3		
Total Gate Charge	Qg				4.5	
Gate-Source Chage	Qgs	V _{DS} =-24V,V _{GS} =-4.5V,I _D =-2A		0.5		nC
Gage-Drain Charge	Qgd			1.4		

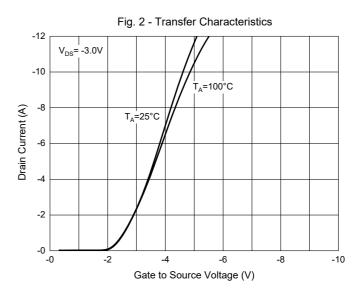
Note:

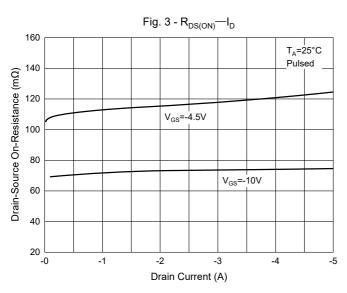
- 1. Pulse Test: Pulse Width=300µs,Duty Cycle≤2%.
- 2. These Parameters Have No Way To Verify.

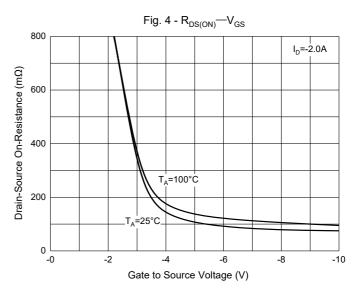


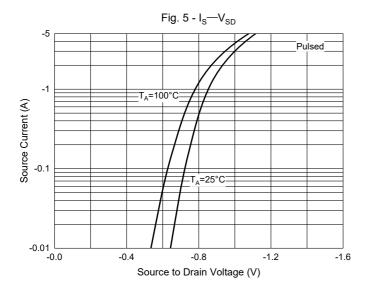
Curve Characteristics

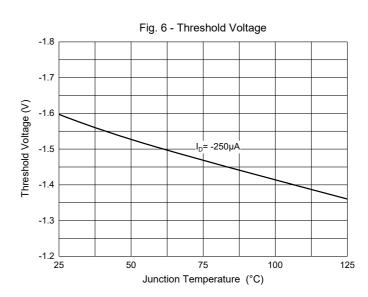














Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

Note: Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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