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/ Descriptions

N-Channel MOSFET in a PDFN5×6 Plastic Package.

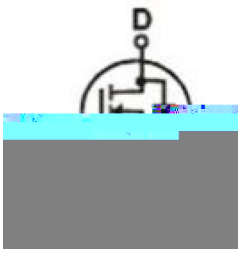
/ Features

Low $R_{DS(ON)}$ to minimize conductive l_{oss};low Gate Charge for fast switching;Low Thermal resistance; Qualified to AEC-Q101 Standards for High Reliability; HF Product.

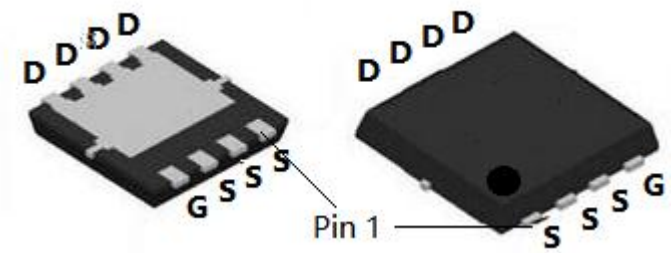
/ Applications

Battery Management,High Frequency Point-of-Load Synchronous Buck Conventer for MB/NB/UMPC/VGA,Networking DC-DC Power System,Load Switch, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1、2、3： S　　PIN4：G　　PIN5、6、7、8：D

Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
7	D
8	D

/ Marking

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See Marking Instructions.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=50V R_L=2.5 Ω R_{GEN}=3 Ω		19		ns

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/ Package Dimensions



/ Marking Instructions

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Note:

BR: Company Code

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