

/ Descriptions

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

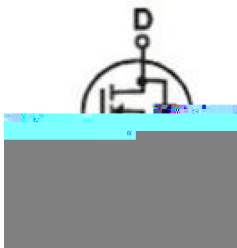
/ Features

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

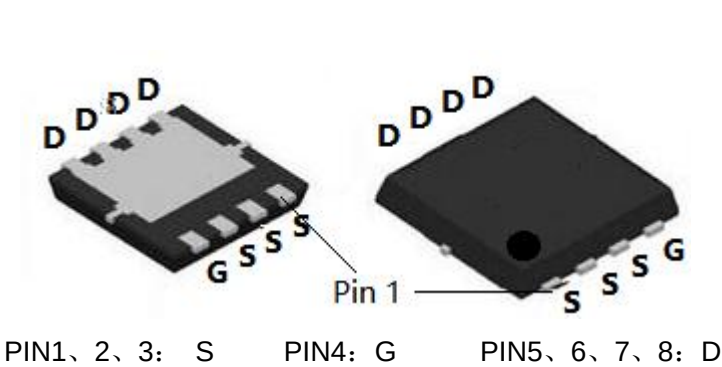
/ Applications

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

/ Equivalent Circuit



/ Pinning



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

/ Marking

See Marking Instructions.

BRCS035N10SHZCQ

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DATA SHEET

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

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/ Package Dimensions



