





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

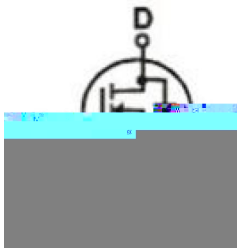
Low $R_{DS(ON)}$ to minimize conductive loss;low Gate Charge for fast switching;Low Thermal resistance;HF Product.

MB/NB/UMPC/VGA

Buck

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



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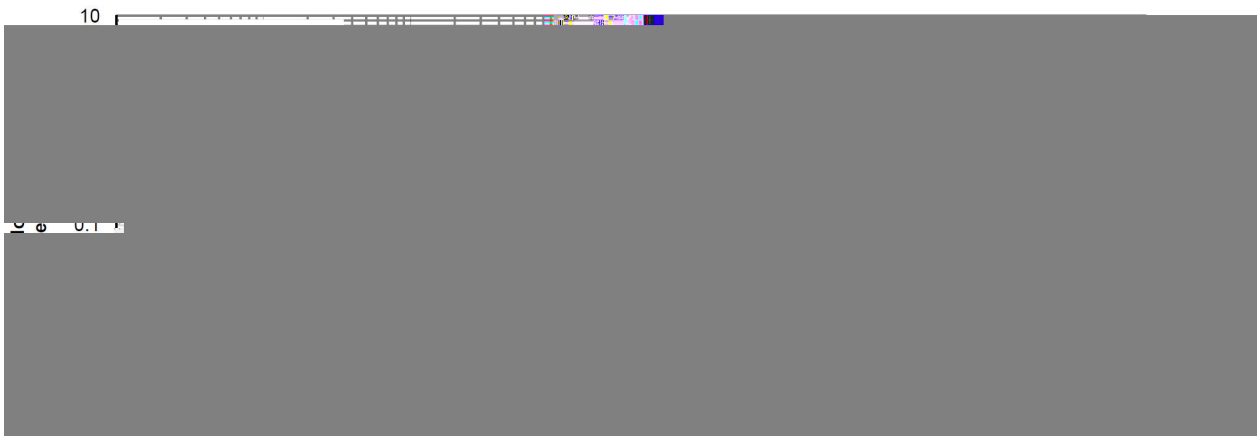
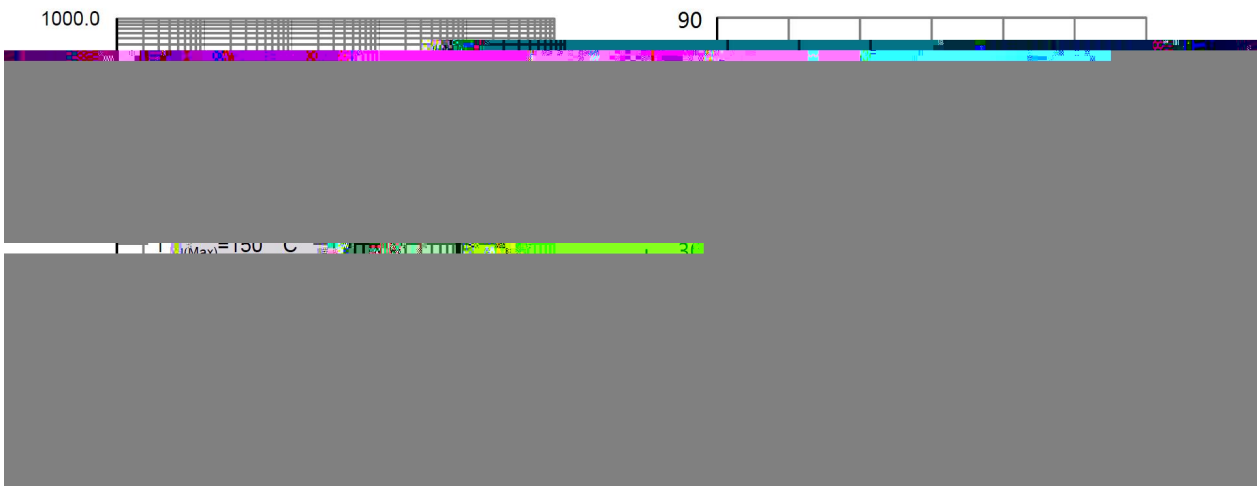
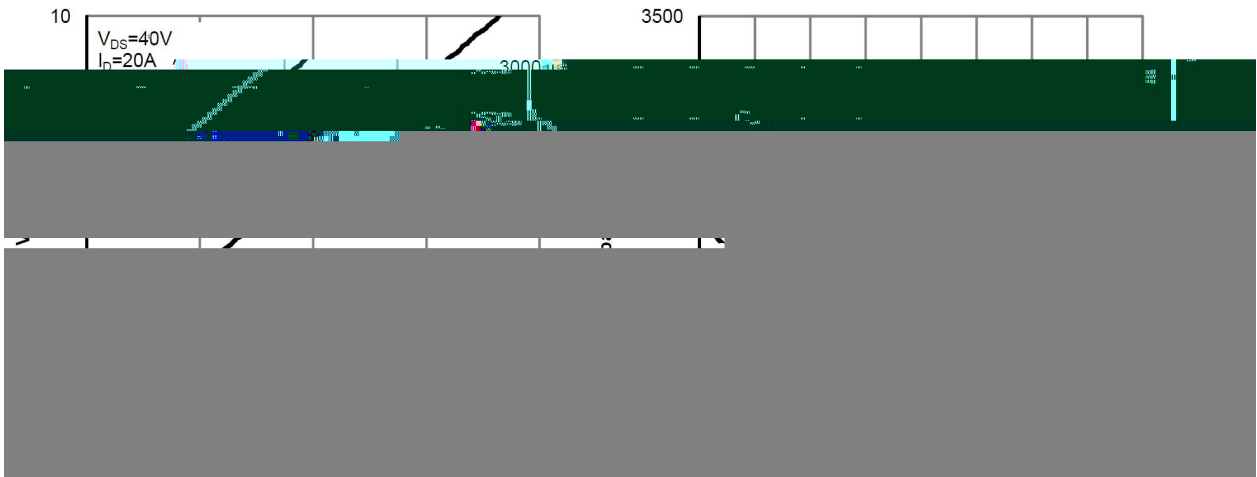


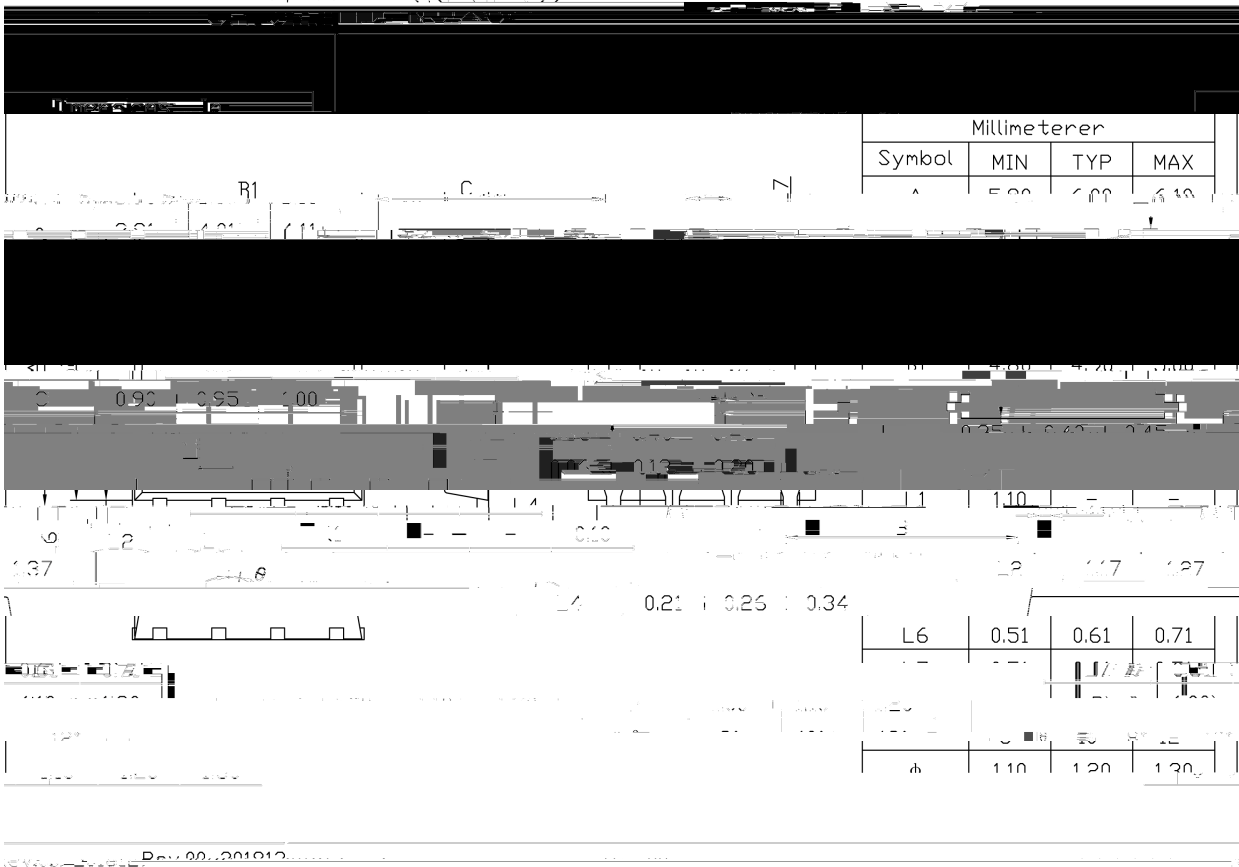
Parameter	Symbol	Rating	Unit
Drain-Source Voltage Drain	V_{DS}	80	V



Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=40V$ $R_L=2\ \Omega$ $R_{GEN}=3\ \Omega$		7.6		ns
Turn-On Rise Time	t_r			4.2		
Turn-Off Delay Time	$t_{d(off)}$			33		
Turn-Off Fall Time	t_f			7		









BR
070N08S

Note

BR	Company Code
070N08S	Product Type
****:	Lot No. Code, code change with Lot No

