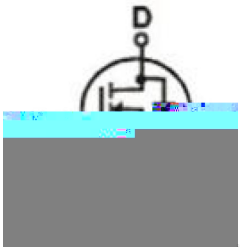
PDFN5×6 N

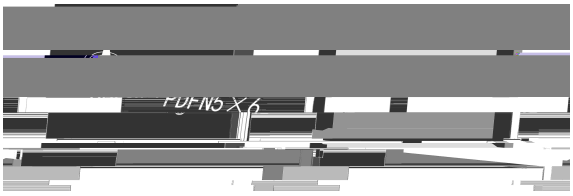
N-Channel MOSFET in a PDFN5×6 Plastic Package.

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

MB/NB/UMPC/VGA Buck -

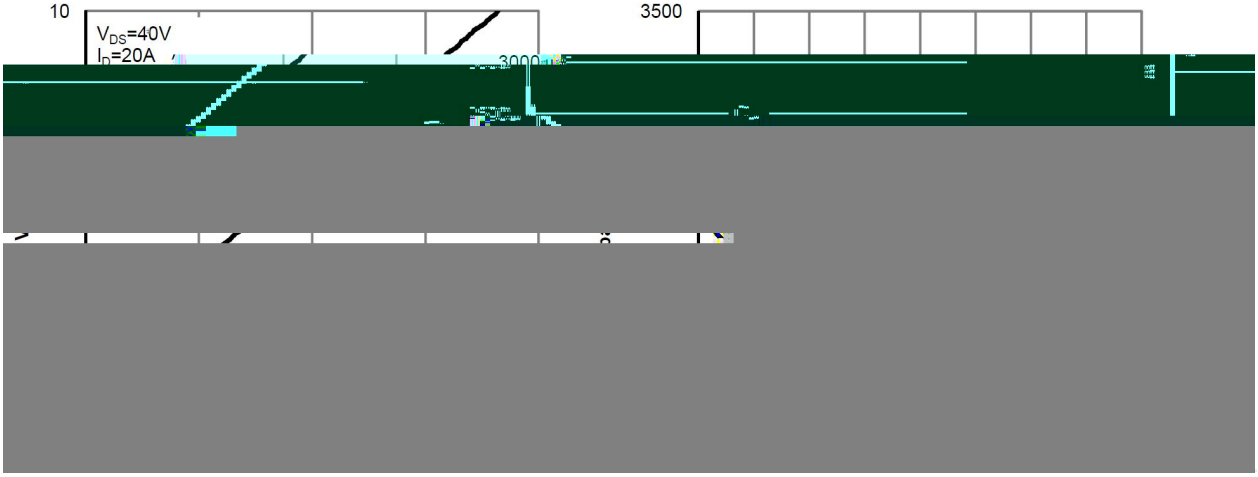
Battery Management,High Frequency Point-of-Load Synchronous Buck Conventer for MB/NB/UMPC/VGA,Networking DC-DC Power System,Load Switch.

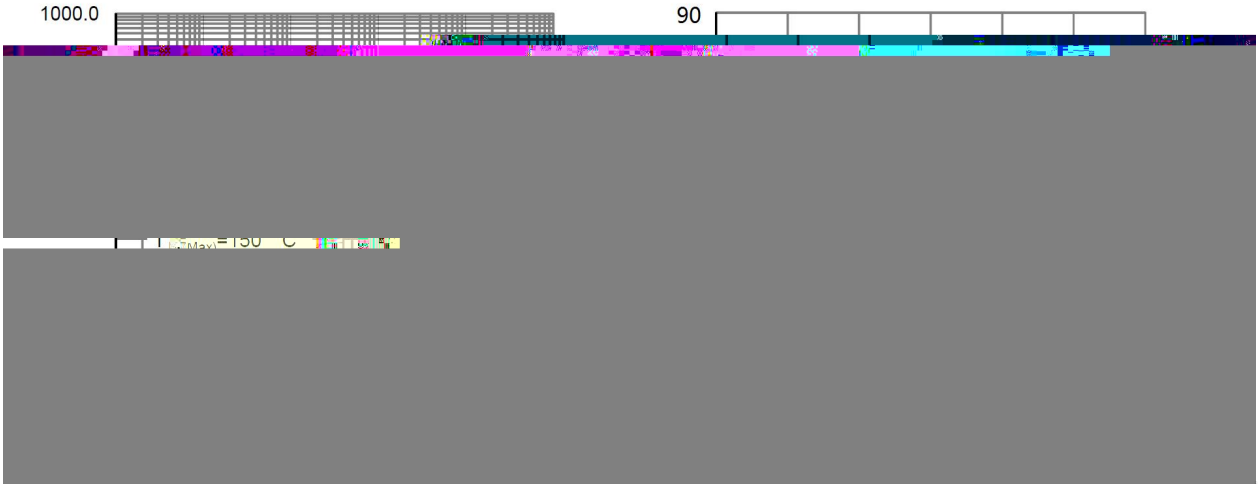




Parameter	Symbol	Rating	M Unit
Drain-Source Voltage	V_{DS}	80	V
Drain Curre,		, ضذ	n

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=40V R_L=2 Ω R_{GEN}=3 Ω		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		


10
V_{DS}=40V
I_D=20A
3500


1000.0
90

10

Millimeterer
Symbol
MIN
TYP
MAX
R1
0.95
1.00
1.10
0.21
0.34
L6
0.51
0.61
0.71

BR

070N08S

****

Note

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