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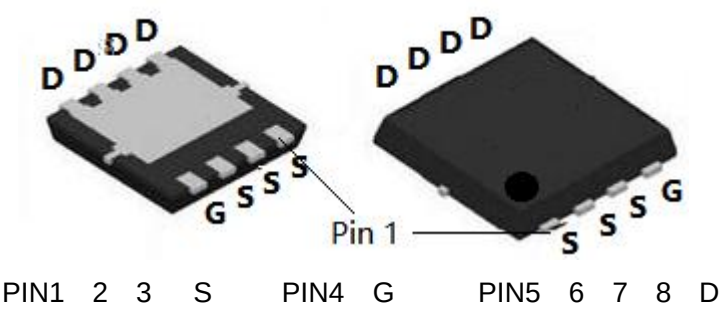
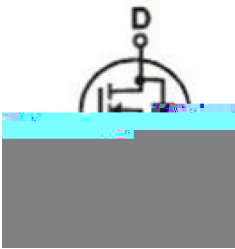


PDFN5×6 N
N-Channel MOSFET in a PDFN5×6 Plastic Package .

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 Converter for MB/NB/UMPC/VGA,Networking DC-DC Power System,Load Switch.



See Marking Instructions.



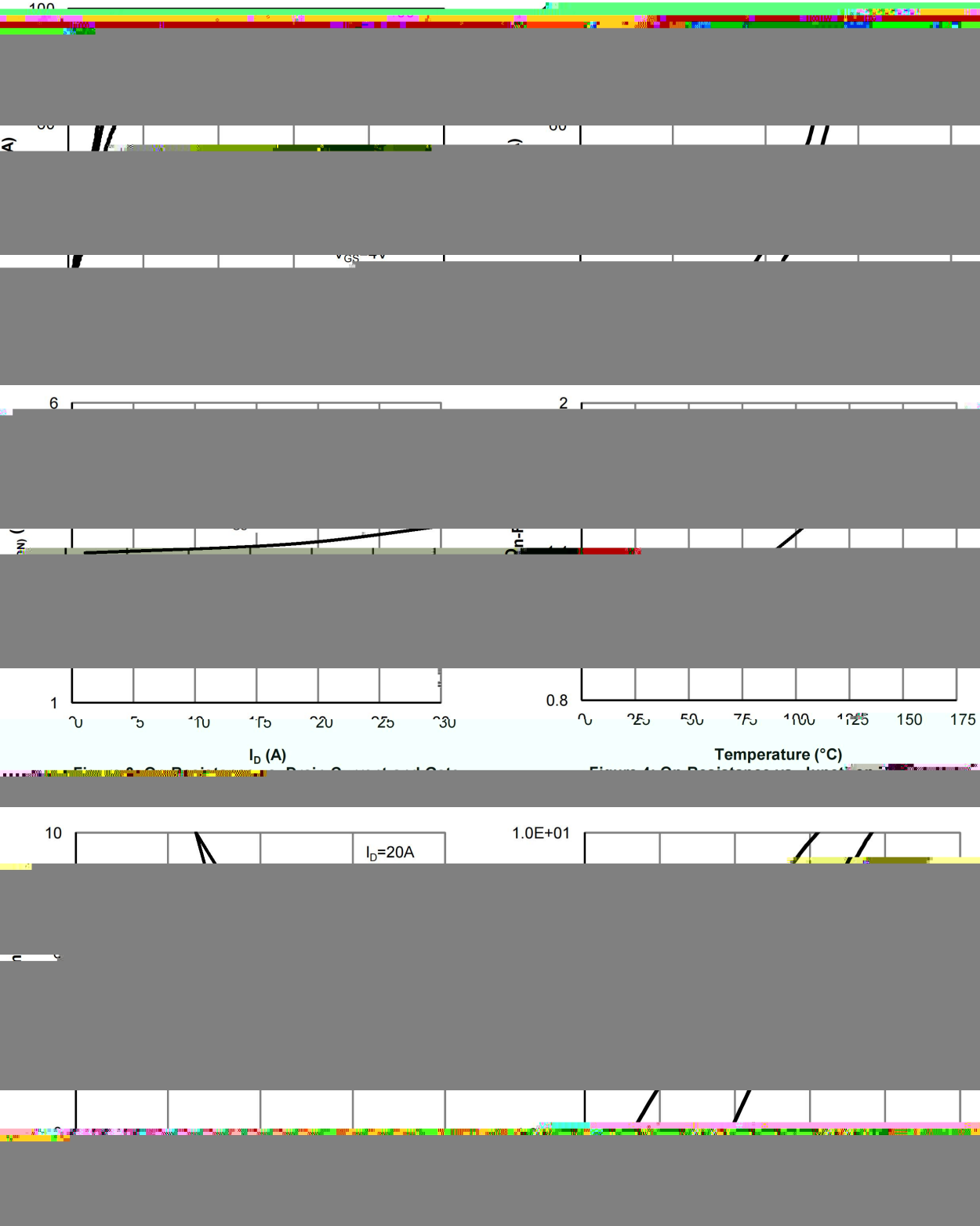
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	100	V
Drain Current - Continuous	I_D	168	A
Drain Current – Pulsed	I_{DM}	400	A
Gate-Source Voltage	V_{GS}	20	V
Power Dissipation (Tc=25°C)	$P_D(T_c=25^{\circ}C)$	215	W
Energy (AS)	E_{AS}	563	mJ
Avalanche Current(L=0.5mH)	I_{AS}	50.0	A
Junction and Storage Temperature Range	T_j, T_{stg}	-55 to 150	°C

Thermal resistance, junction - ambient $t \leq 10s$

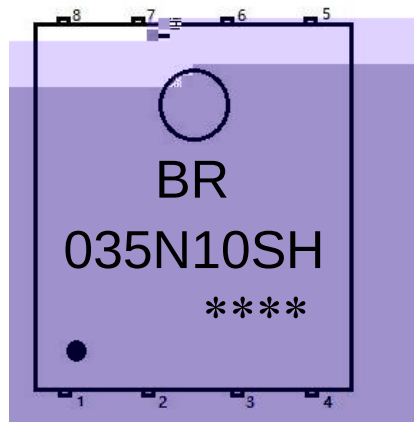
$R_{\theta JA}$



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







BR

035N10SH

Note

BR

Company Code

035N10SH

Product Type

Lot No. Code, code change with Lot No



Note:

- 1 150 180 60 90sec;
- 2 245±5 5±0.5sec;
- 3 2 10°C/sec.

- 1.Preheating:150~180°C, Time:60~90sec.
- 2.Peak Temp.:245±5°C, Duration:5±0.5sec.
3. Cooling Speed: 2~10°C/sec.

260±5°C

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

L