

/ Descriptions

PDFN5×6 N
N-C a MOSFET a PDFN5 6 P a c Pac a

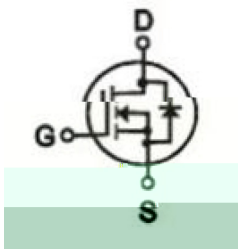
/ Features

$V_{DS}(V)=40\text{ V}$ $I_D=98\text{ A}$
 $R_{DS(ON)}@10V\leq 3.5\ \Omega(T=30\text{ }^{\circ}\text{C})$
 $R_{DS(ON)}@4.5V\leq 5.0\ \Omega(T=40\text{ }^{\circ}\text{C})$
HF P d c

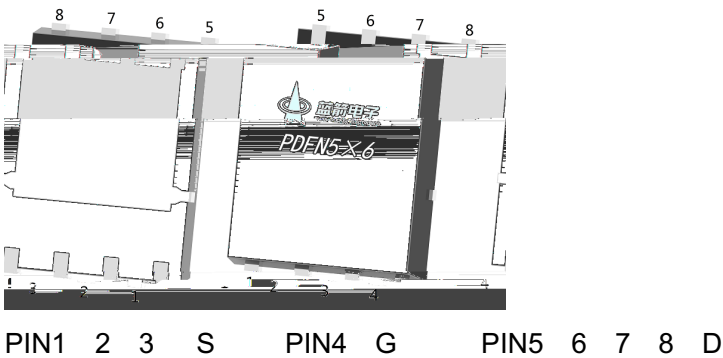
/ Applications

MB/NB/UMPC/VGA Buck -
Ba Ma a ,H F c P - -L ad S c B c C
MB NB UMPC VGA,N DC-DC P S ,L ad S c

/ Equivalent Circuit



/ Pinning



/ Marking

S Ma l c

BRCS035N04SZC

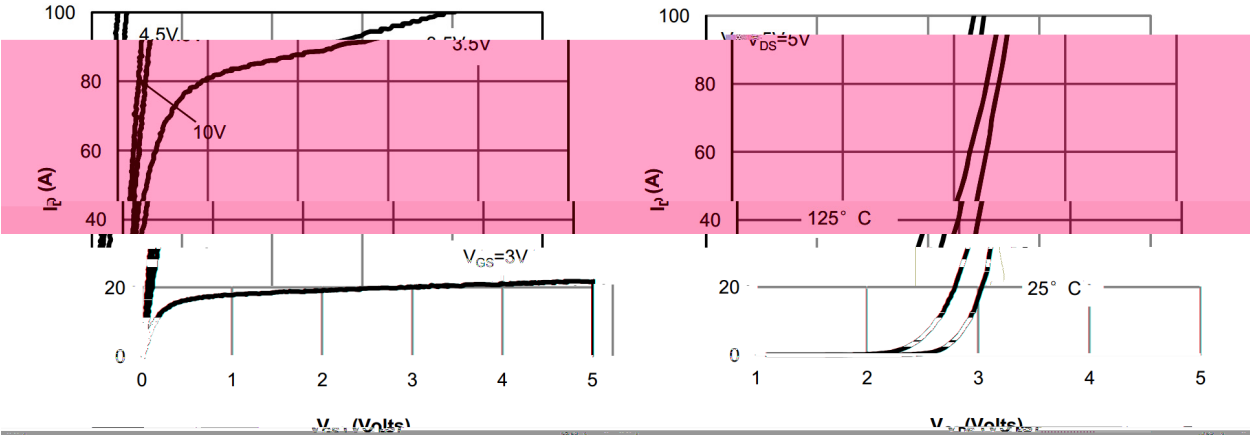
R A Ma -2024

DATA SHEET

/ Electrical Characteristics(Ta=25)

Pa a	S b	T C d	M	T	Ma	U
T -O D a T	d(	V _{GS} =10V V _{DS} =20V R _L =1Ω R _{GEN} =3Ω		11		
T -O R T				11		
T -O D a T	d(			40		
T -O Fa T				10		

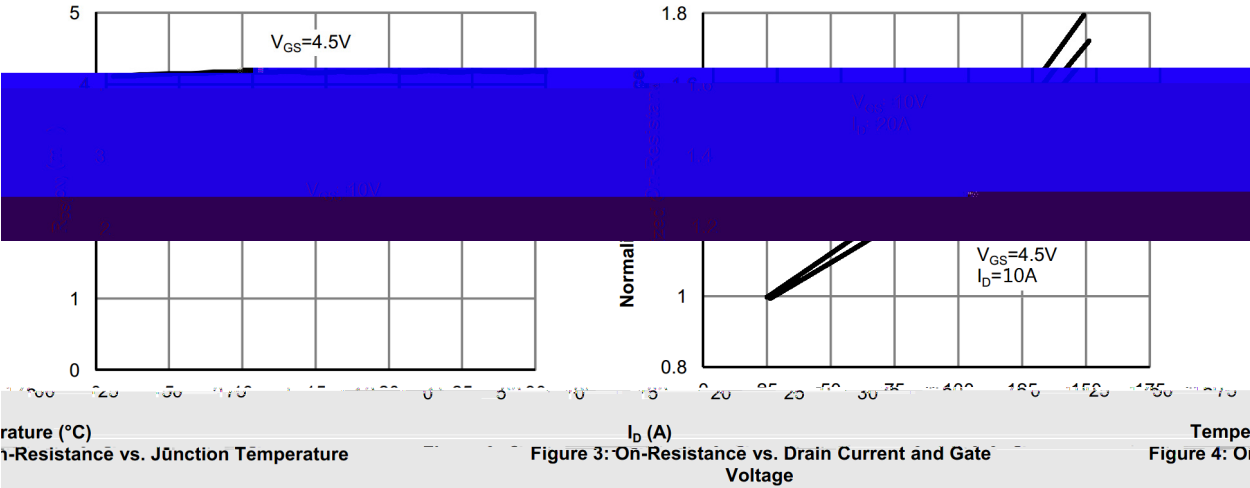
/ Electrical Characteristic Curve



Characteristics

Figure 2: Transfer Characteristics

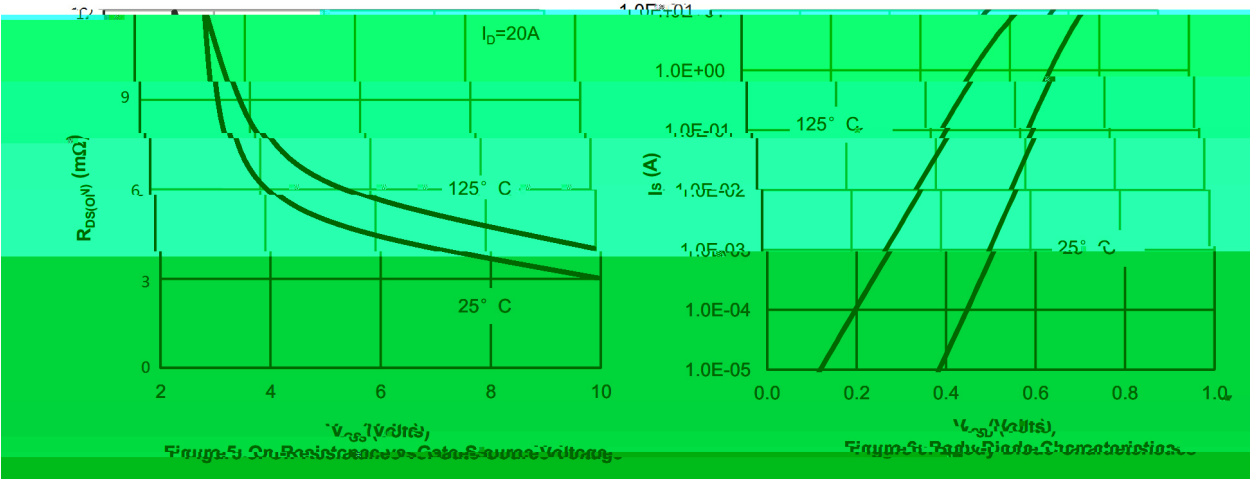
Figure 1: On-Region



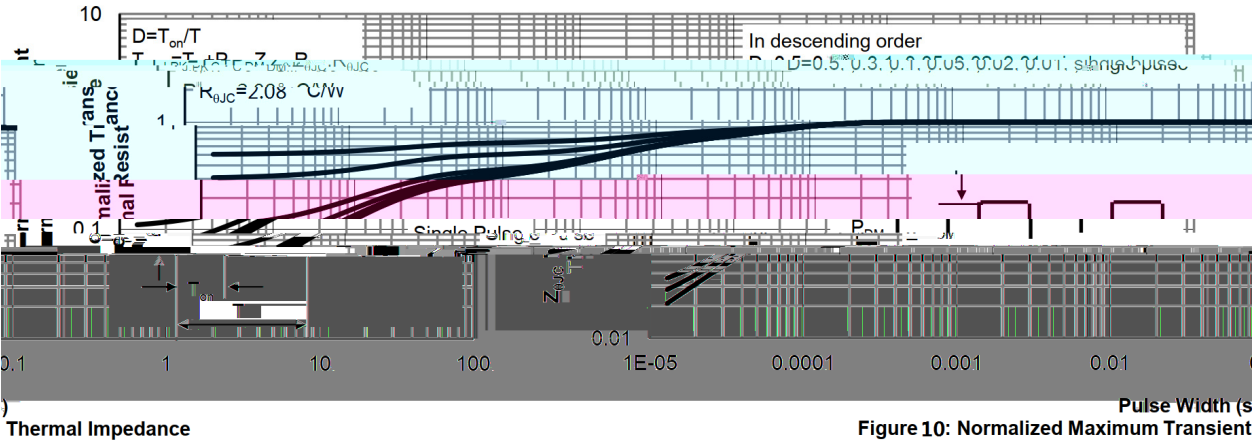
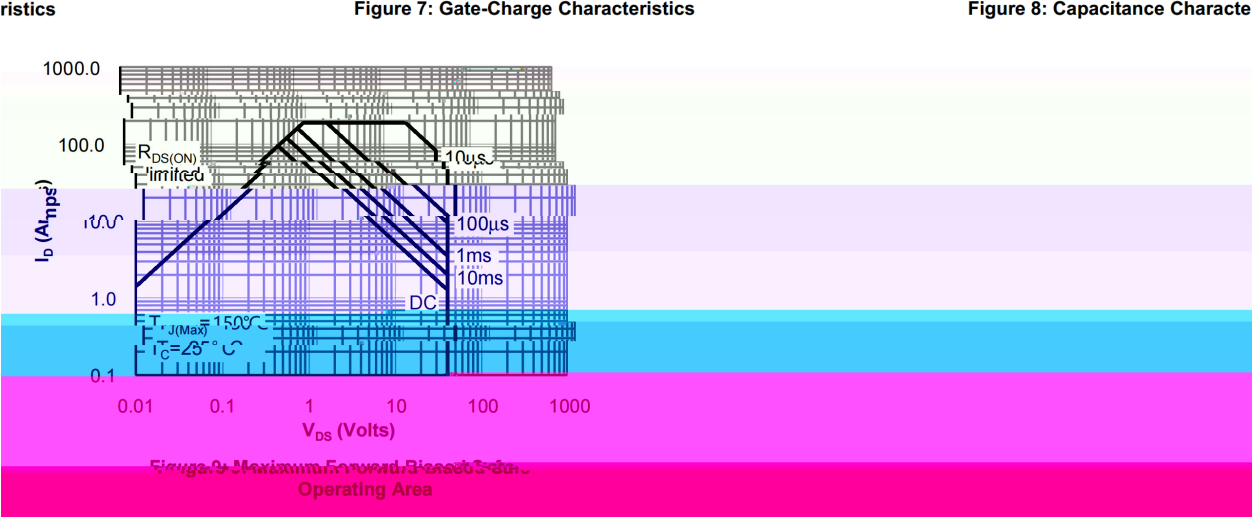
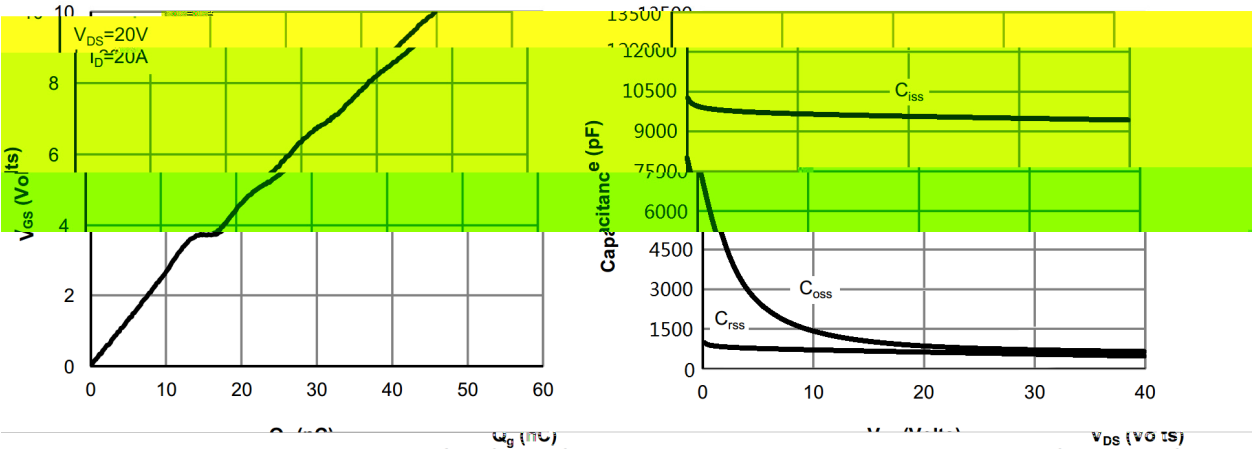
On-Resistance vs. Junction Temperature

Figure 3: On-Resistance vs. Drain Current and Gate Voltage

Figure 4: On-Resistance vs. Junction Temperature



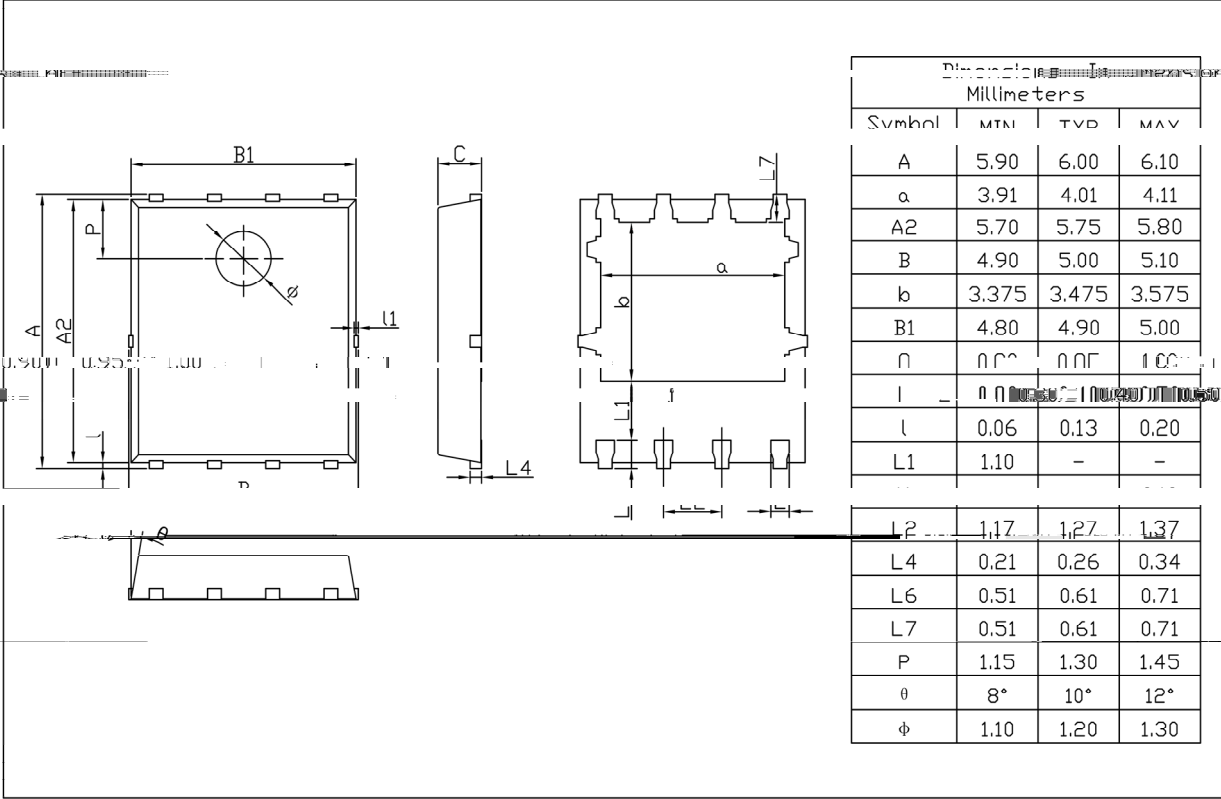
/ Electrical Characteristic Curve



/ Package Dimensions

PDFN5 X6

Unit:mm



Rev.01 202209

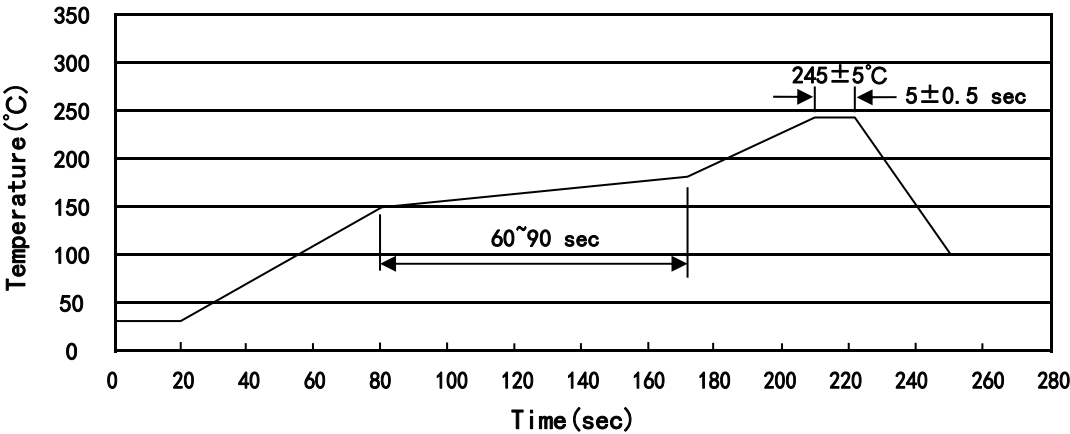
/ Marking Instructions



BR
035N04S

N
BR C a C d
035N04S P d c T C d
 : L N C d , c d c a L N

() /



N :

- 1 150 180 60 90 c; 1 P a :150 180 , T :60 90 c
- 2 245±5 5±0.5 c; 2 P a T :245±5 , D a :5±0.5 c
- 3 2 10 c 3 C S d: 2 10 c

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 c T :260 5 T :10 1 c

/ Packaging SPEC.

REEL

Pac a T	U 包装数量					D 包装尺寸 (: ³		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
PDFN5 6	5,000	2	10,000	6	60,000	13 12	360 360 50	380 335 366

/ Notices