

/ Descriptions

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

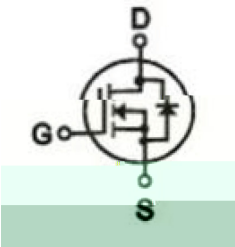
/ Features

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

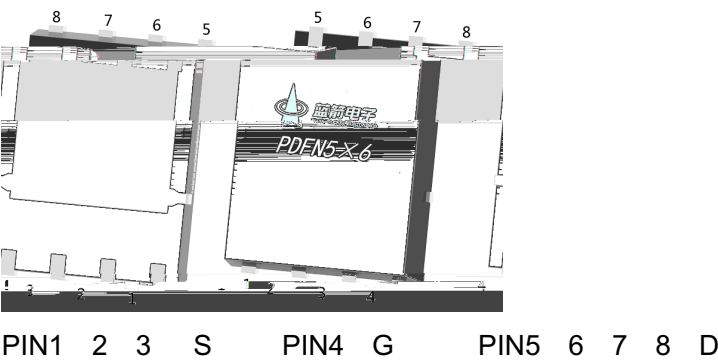
/ Applications

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

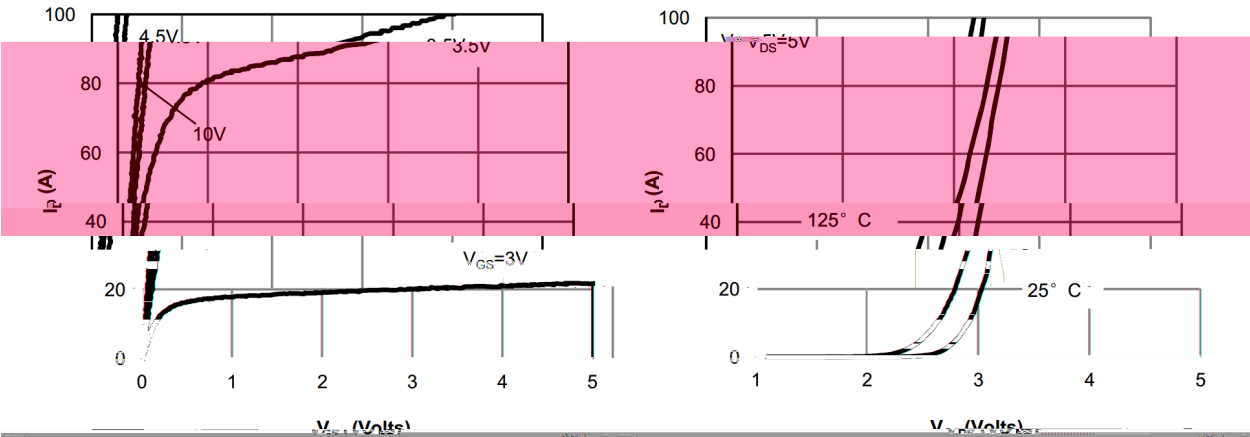
R A Ma -2024

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		

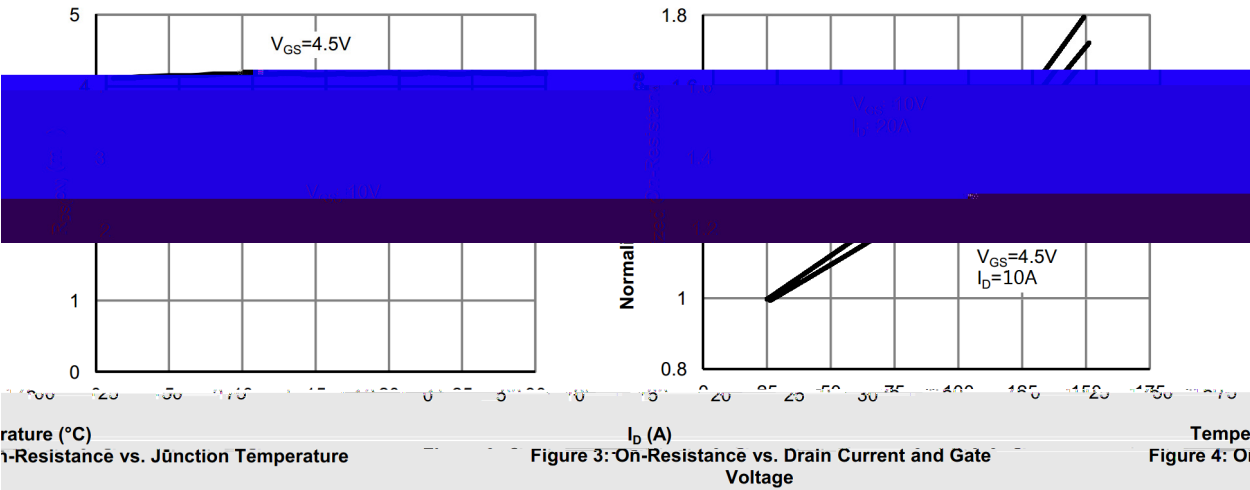
/ Electrical Characteristic Curve



Characteristics

Figure 2: Transfer Characteristics

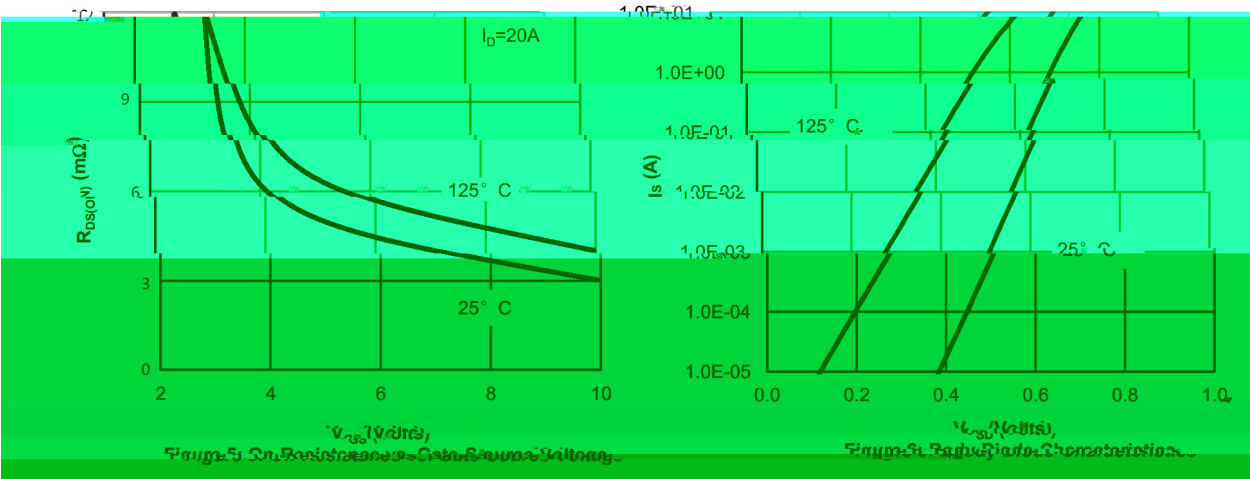
Figure 1: On-Region



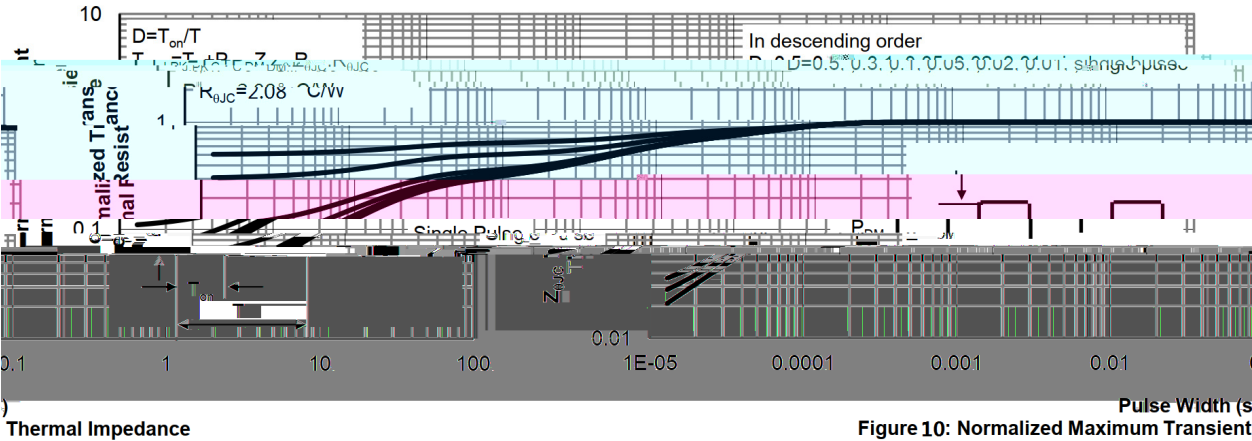
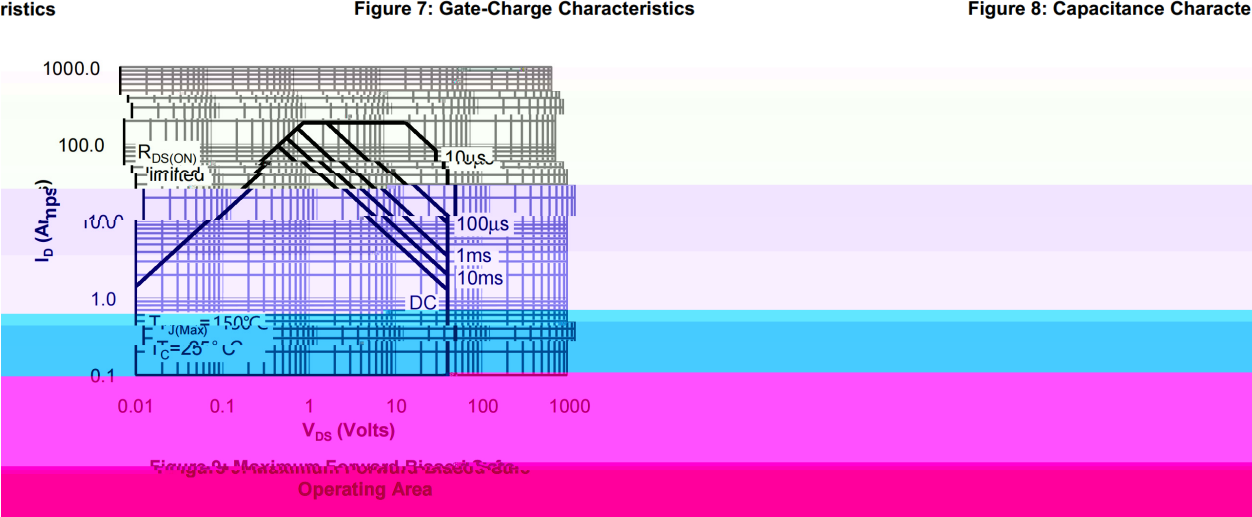
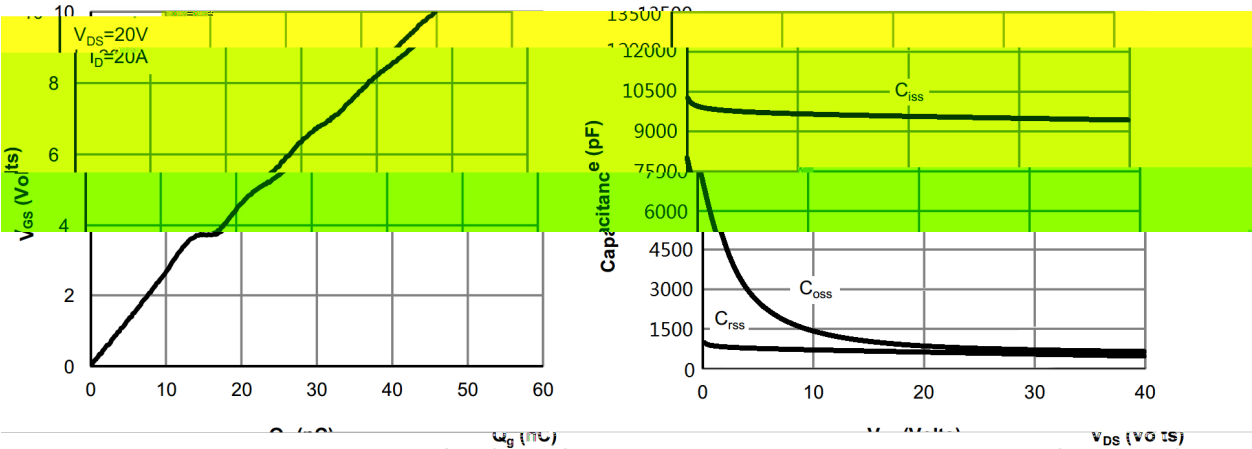
On-Resistance vs. Junction Temperature

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

Figure 4: On-Resistance vs. Junction Temperature



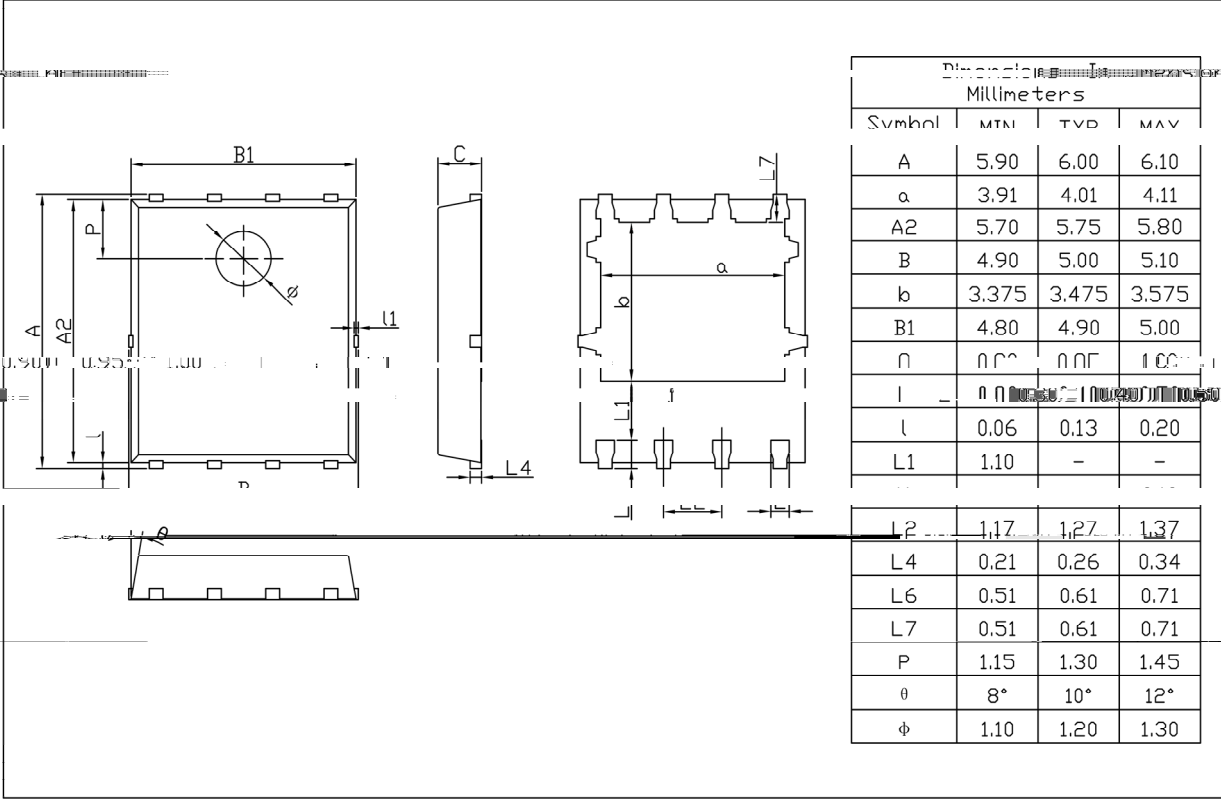
/ Electrical Characteristic Curve



/ Package Dimensions

PDFN5 X6

Unit:mm



Rev.01 202209

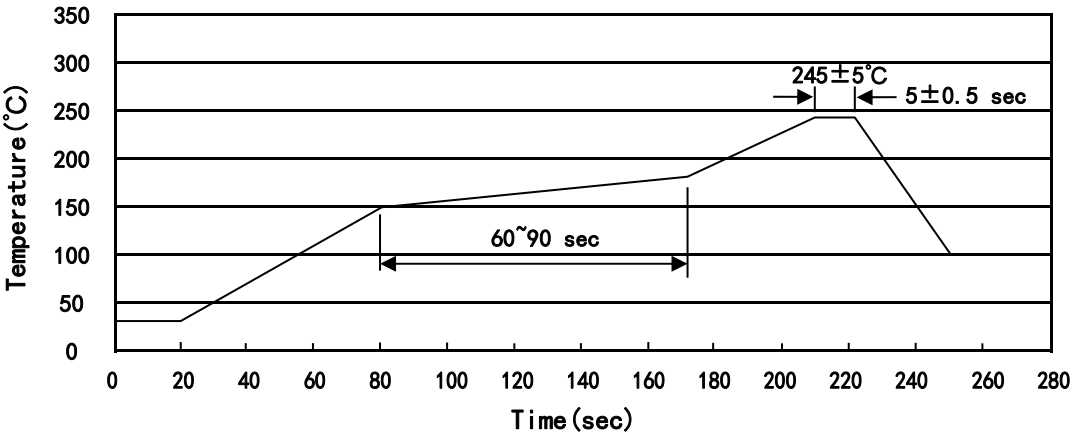
/ Marking Instructions



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 :
- 11501806090 c;1 P a :150 180 , T :60 90 c

2245±55±0.5 c;2 P a T :245±5 , D a :5±0.5 c

3210 c3 C S d: 2 10 c

/ Resistance to Soldering Heat Test Conditions

260±510±1 cT :260 5T :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