



# BRCS080N03ZC

Rev.A May.-2021



## / Descriptions

PDFN5\*6 N  
N-Channel MOSFET in a PDFN5\*6 Plastic Package .

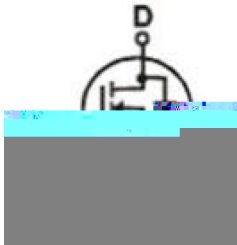
## / Features

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

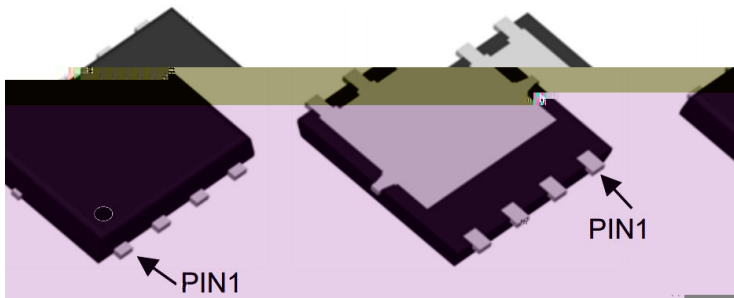
## / Applications

Battery Management

## / Equivalent Circuit



## / Pinning



PIN1、 2、 3: S      PIN4: G      PIN5、 6、 7、 8: D

Pin	极性
1	S
2	S
3	S
4	G
5	D
6	D
7	D
8	D

## / $h_{FE}$ Classifications & Marking

见印章说明。 See Marking Instructions.

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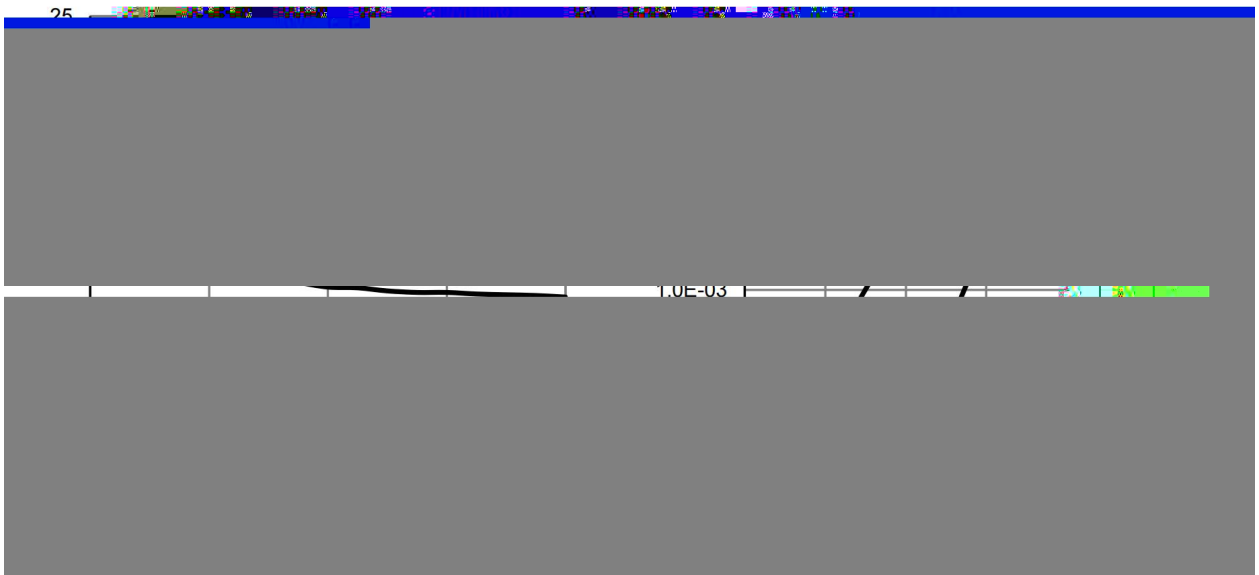
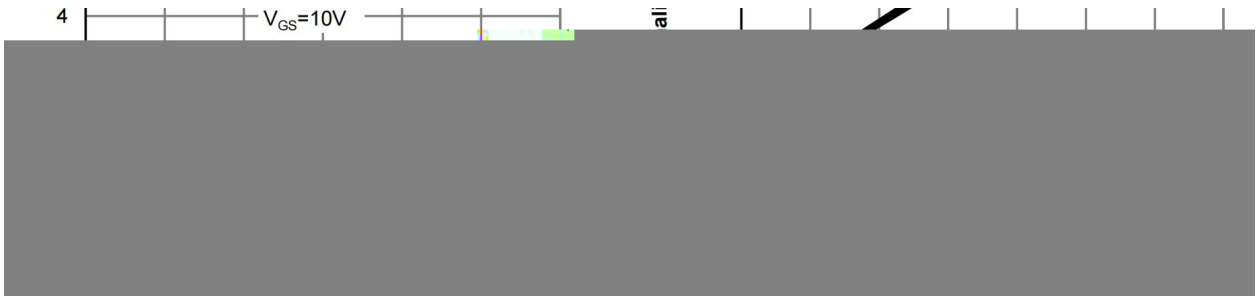


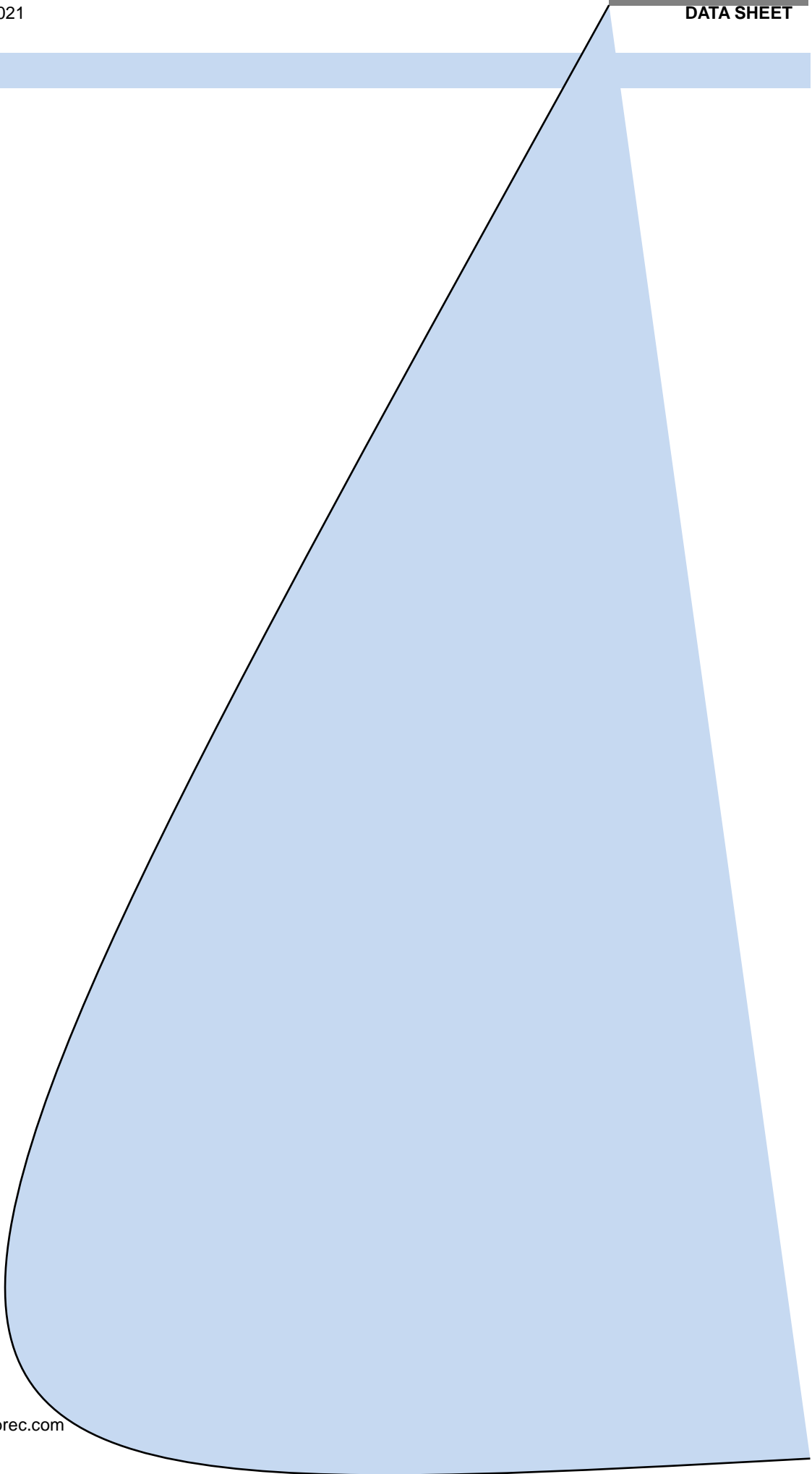
DATA SHEET

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DS}$	30	V
Drain Current -			



**/ Electrical Characteristic Curve**





**BRBRBR**



**/ Marking Instructions**

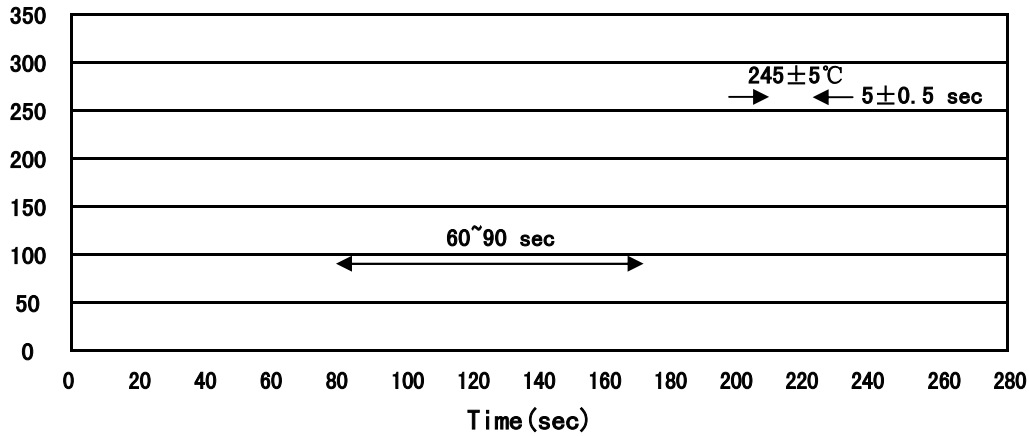
说明：

BR： 为公司代码

080N03



**( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)**



Note:

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

**/ Resistance to Soldering Heat Test Conditions**

260±5°C                    10±1 sec.                    Temp.:260±5                    Time:10±1 sec

**/ Packaging SPEC.**

/ REEL

Package Type 封装形式	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
PDFN5*6	5000	2	10000	6	60000	13" × 12	360 × 360 × 50	380 × 335 × 366

**/ Notices**