

/ Descriptions

PDFN 3×3A-8L N MOS
N-Channel Enhancement Mode Field Effect Transistor in a PDFN 3×3A-8L Plastic Package.

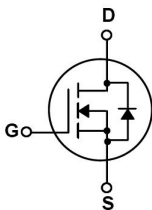
/ Features

$V_{DS}(V) = 40V$
 $I_D = 45\text{ A}$ ($V_{GS} = 20V$)
 $R_{DS(ON)}@10V \ 8mR(Typ.6.4mR)$
HF Product.

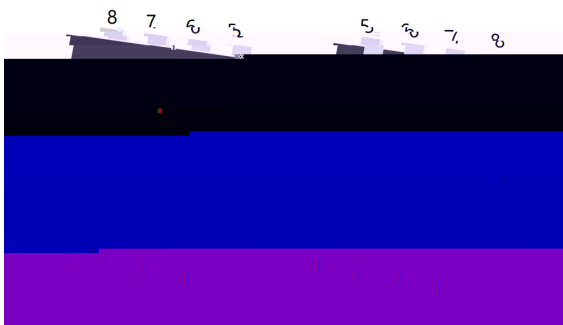
/ Applications

DC/DC
These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.

/ Equivalent Circuit



/ Pinning

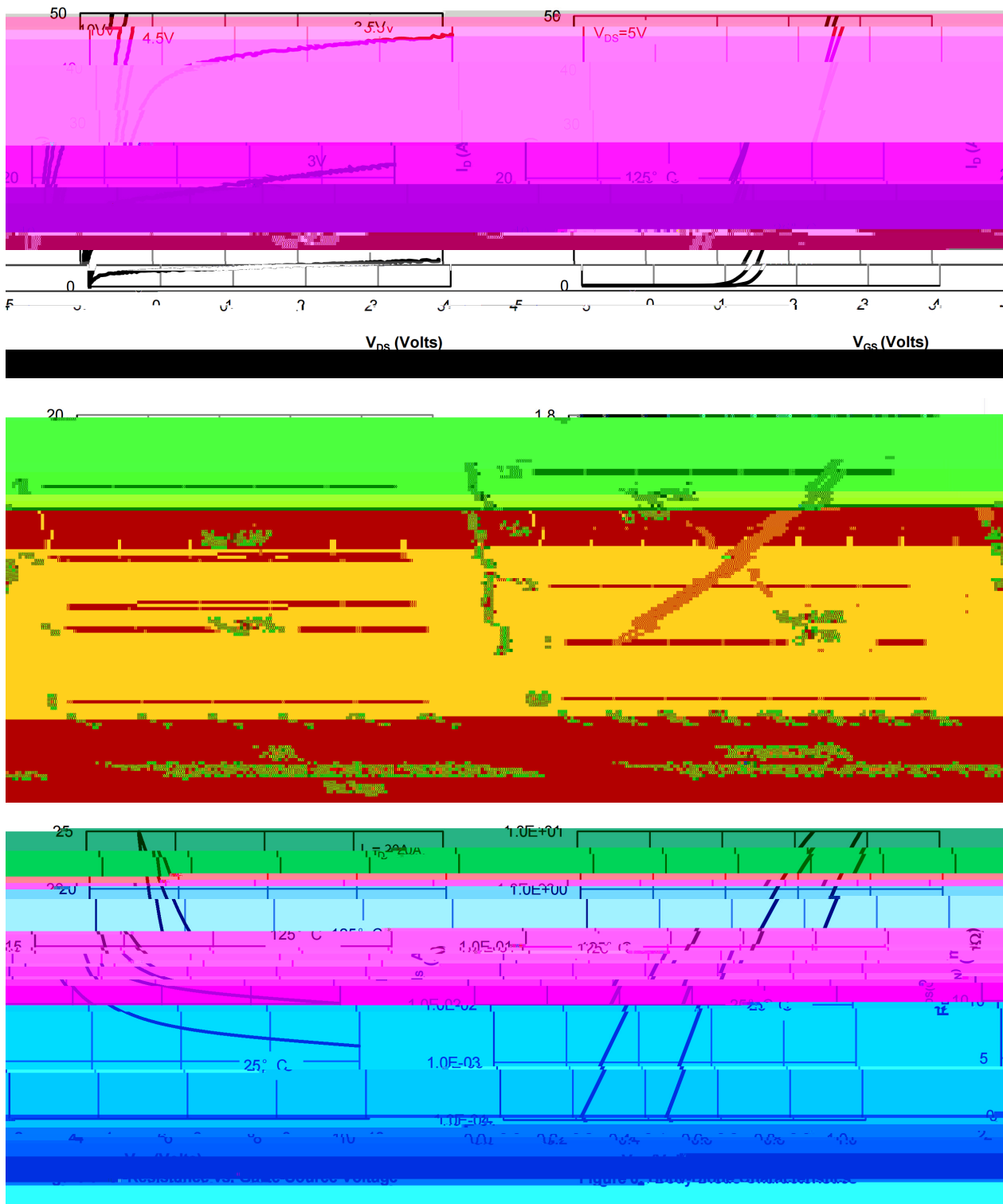


出脚	定义
Pin1	S
Pin2	S
Pin3	D
Pin4	D
Pin5	D
Pin6	D
Pin7	D
Pin8	D

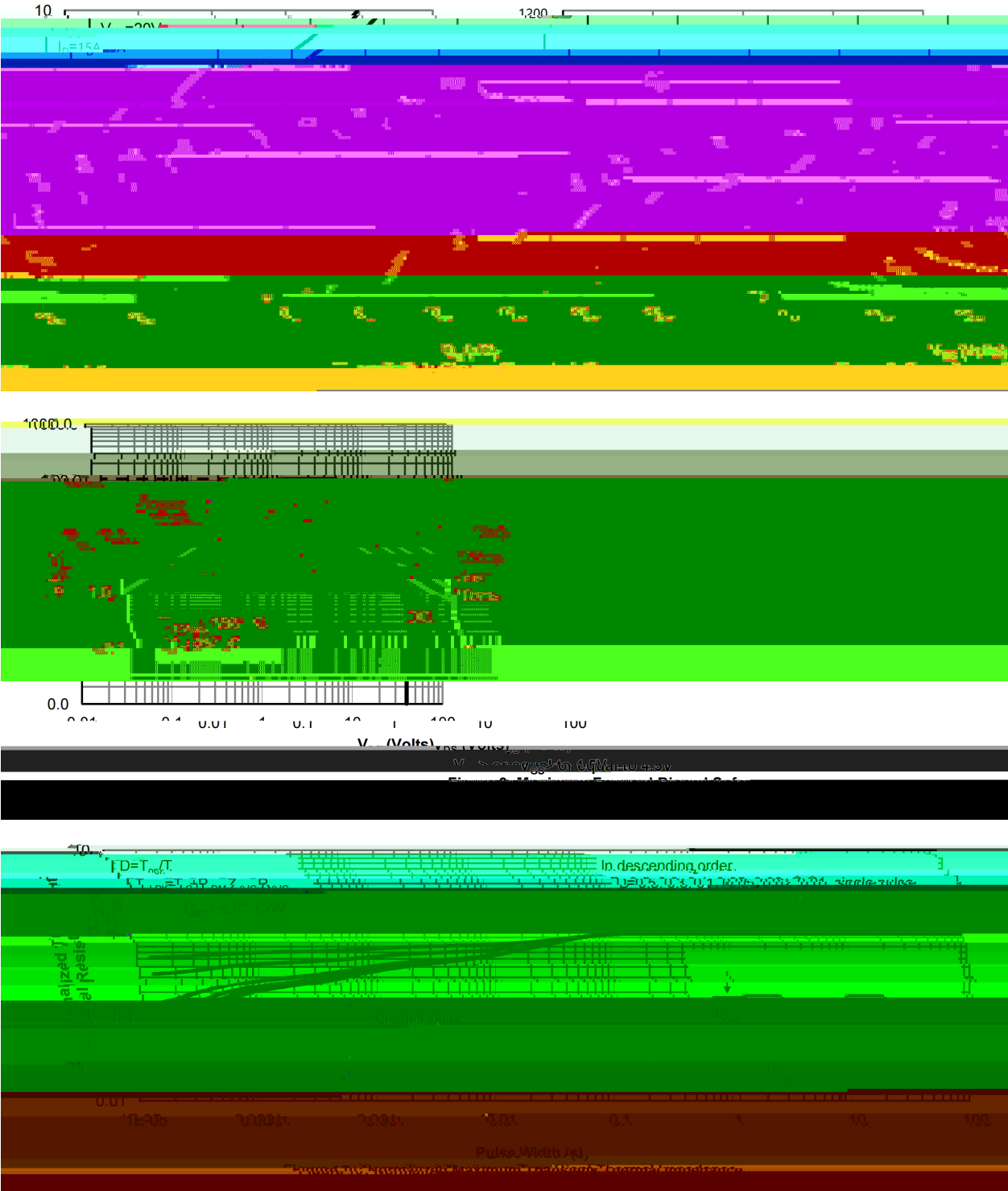
/ Marking

See Marking Instructions.

/ Electrical Characteristic Curve



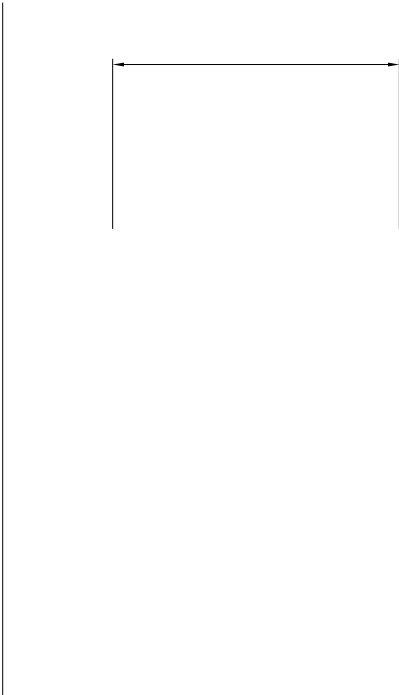
/ Electrical Characteristic Curve



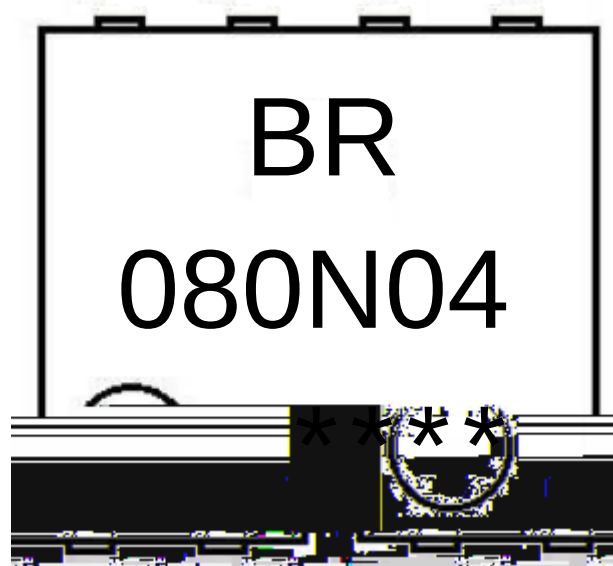
/ Package Dimensions

PDFN3X3A-8L

Unit:mm



/ Marking Instructions



BR

080N04

Note:

BR: Company Code

080N04: Product Type Code

****: Lot No. Code, code change with Lot No

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

Note:

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

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec
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/ Packaging SPEC.

/ REEL

 Package Type
 封装形式

Units