

BRCS010N04SZCQ

Rev.A May.-2023

/ Descriptions

PDFN5 6 N

N-Channel MOSFET in a PDFN5 6 Plastic Package.

/ Features

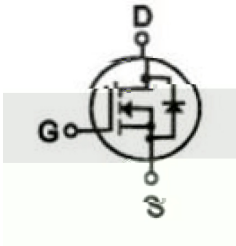
AEC-Q101

Low $R_{DS(ON)}$ to minimize conductive loss; low Gate Charge for fast switching; Low Thermal resistance; Qualified to AEC-Q101 Standards for High Reliability; HF Product.

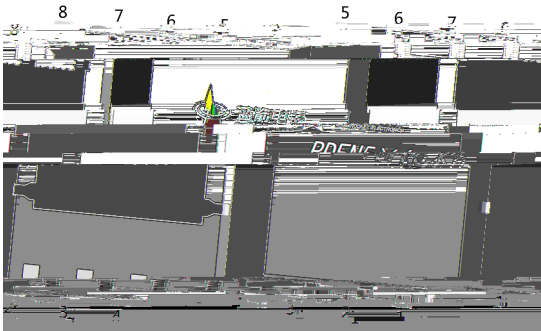
/ Applications

Battery Management, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1 2 3 S PIN4 G PIN5 6 7 8 D

/ Marking

See Marking Instructions.

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DATA SHEET

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/ Package Dimensions

PDFEN5 X6 1.0 2.0 3.0

1.0 2.0 3.0



/ Marking Instructions



010N04S

Note

- | | |
|---------|---------------------------------------|
| BR | Company Code |
| Q: | Automobile halogen-free product Code |
| 010N04S | Product Type |
| ***: | Lot No. Code, code change with Lot No |

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

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Note:

- 1 150 200 60 120sec; 1.Preheating:150~200 , Time:60~120sec.
- 2 255 5 5 0.5sec; 2.Peak Temp.:255 5 , Duration:5 0.5sec.
- 3 2 10 /sec. 3. Cooling Speed: 2~10 /sec.