

# BRCS010N04SZCQ

Rev.A May.-2023

## / Descriptions

PDFN5×6 N  
N-Channel MOSFET in a PDFN5 6 Plastic Package.

## / Features

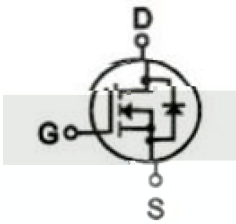
AEC-Q101

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.

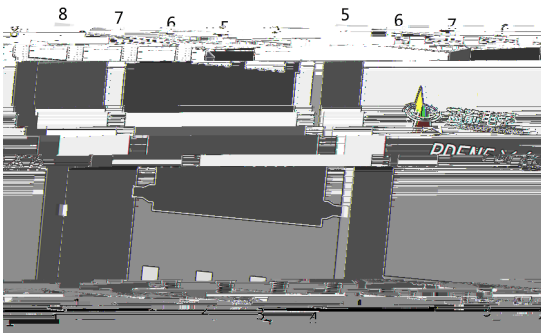
## / Applications

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

Unit:mm



Dimensions In

**/ Marking Instructions**



BR

Q

010N04S

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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)


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.