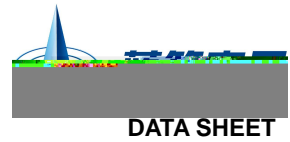




BRCS030N03ZCQ

Rev.A Aug.-2022



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

AEC-Q101

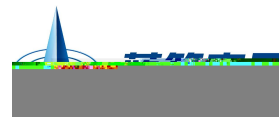
Low $R_{DS(ON)}$ to minimize conductive loss; low Gate Charge for fast switching; Low Thermal resistance;
Qualified to AEC-Q101 Standards for High Reliability; HF Product.

MB/NB/UMPC/VGA

Buck

BRCs030N03ZCQ

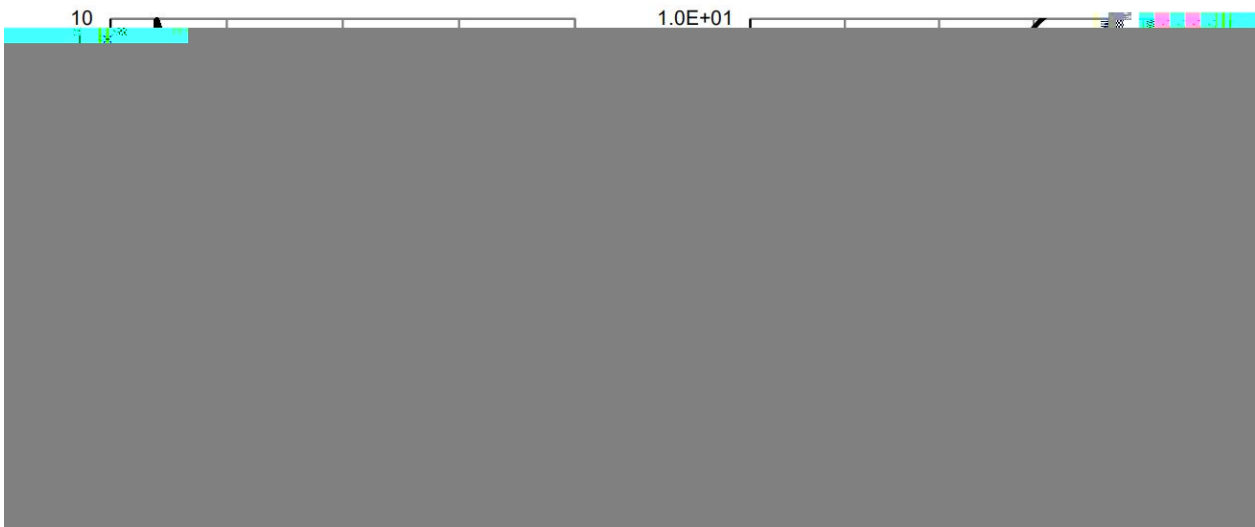
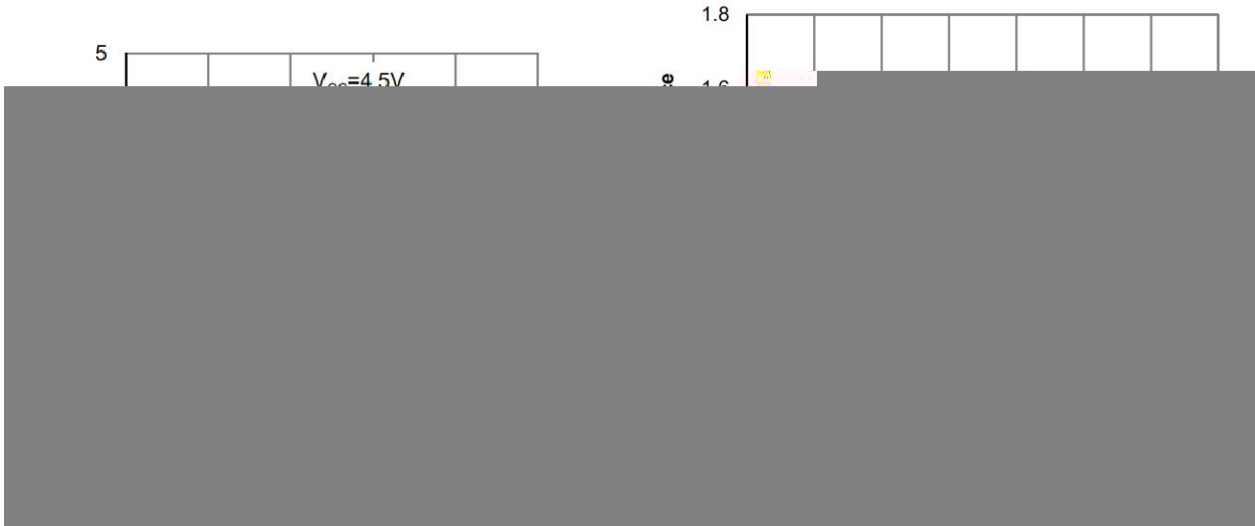
Rev.A Aug.-2022

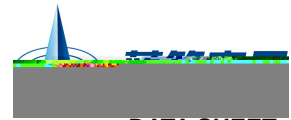


DATA SHEET

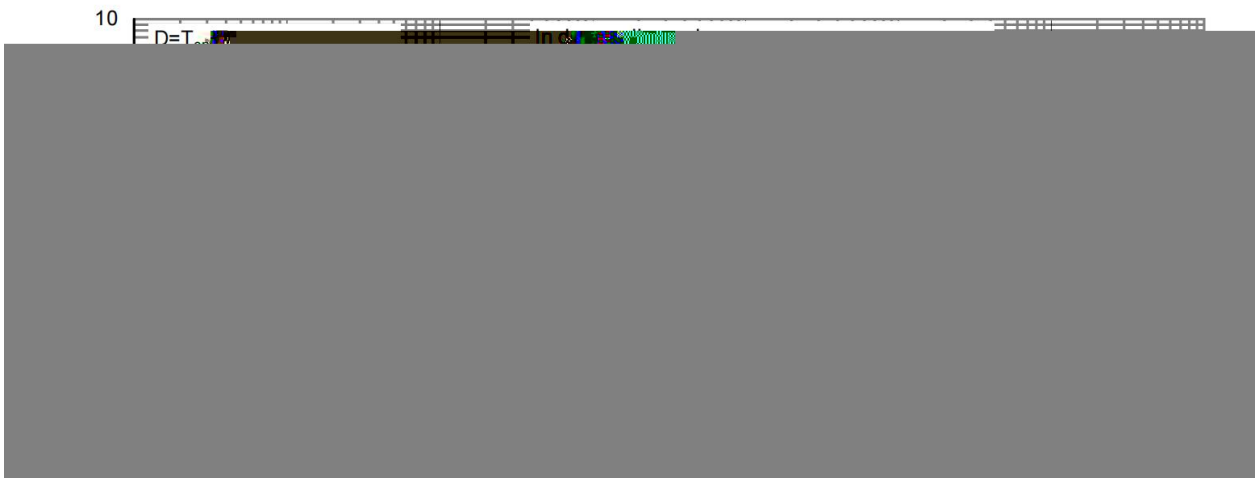
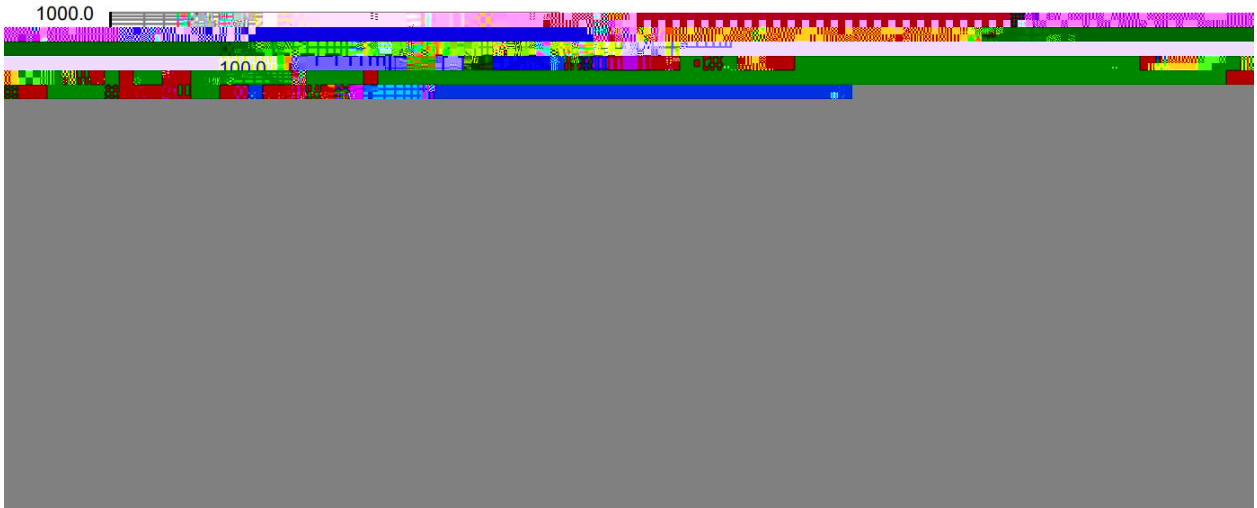
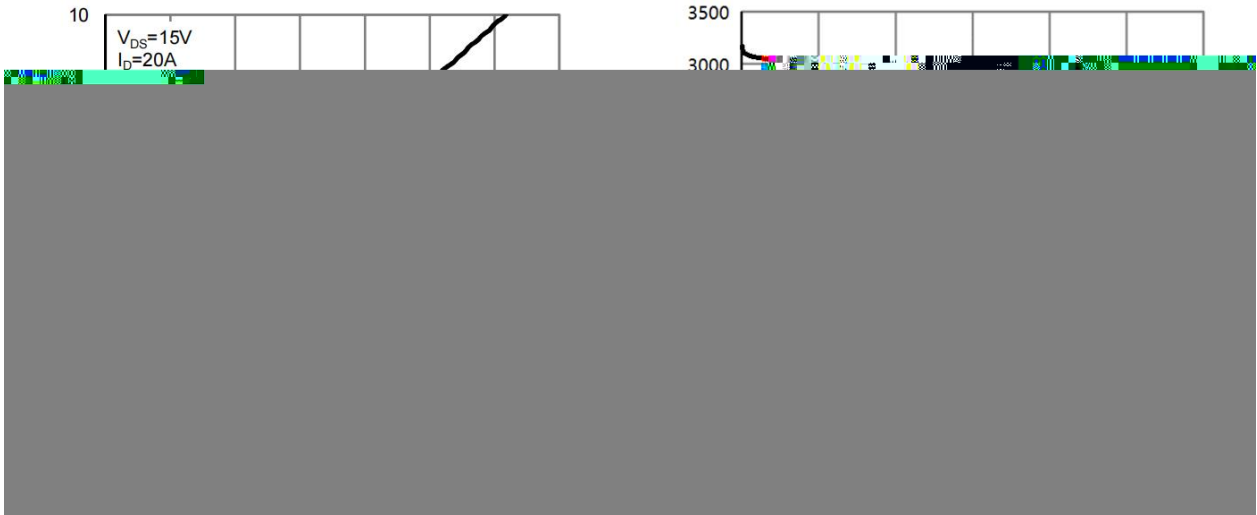
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	30	V

/ Electrical Characteristic Curve





/ Electrical Characteristic Curve

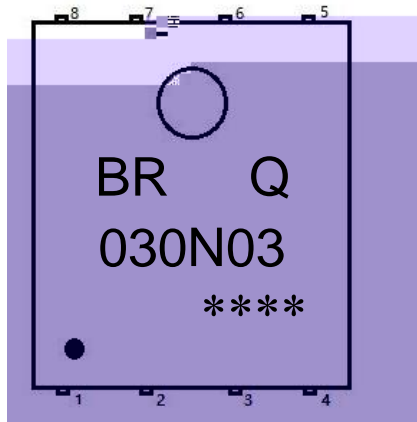


/ Package Dimensions



REV. 00, 201912

/ Marking Instructions



BR

Q

030N03

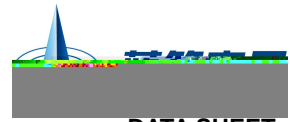
Note

BR Company Code

Q: Automobile halogen-free product Code

030N03 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°C, Time:60~120sec.
- 2 255±5 5±0.5sec; 2.Peak Temp.:255±5°C, Duration:5±0.5sec.
- 3