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.

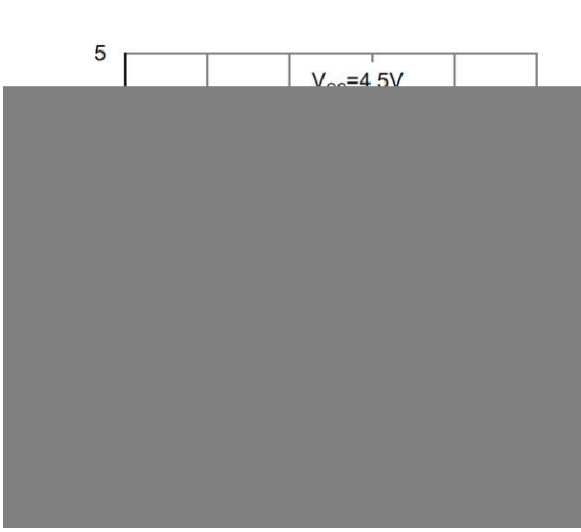
MB/NB/UMPC/VGA Buck

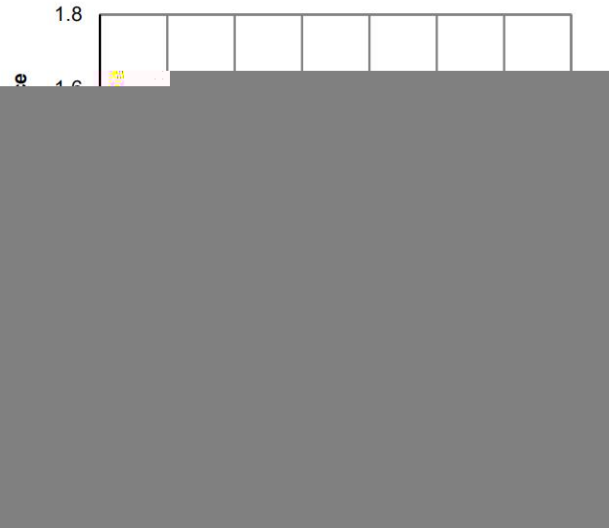
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	30	V

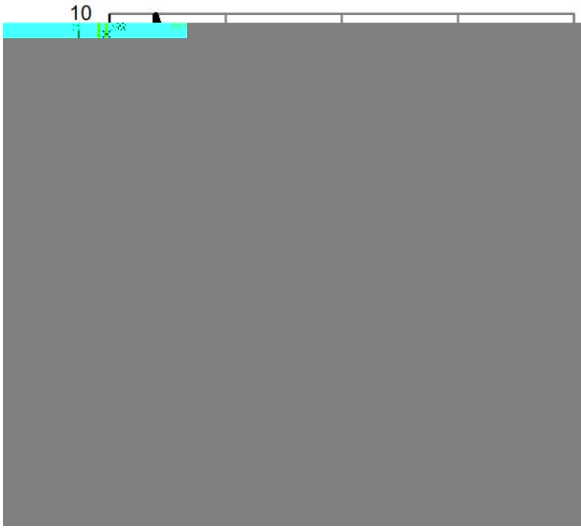
/ Electrical Characteristic Curve





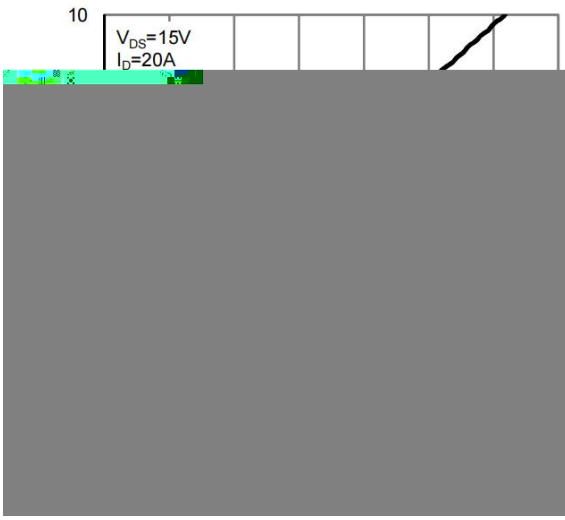








/ Electrical Characteristic Curve





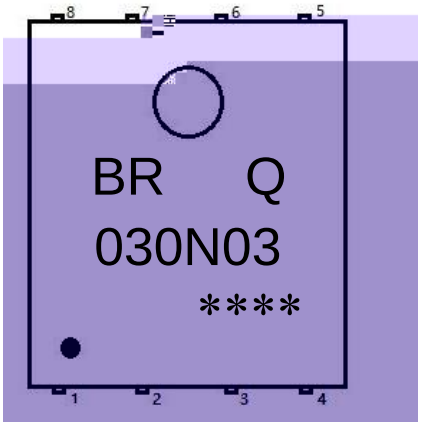




/ Package Dimensions



/ 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℃, Time:60~120sec.
2	255±5	5±0.5sec;	2.Peak Temp.:255±5℃, Duration:5±0.5sec.
3			