

/ Descriptions

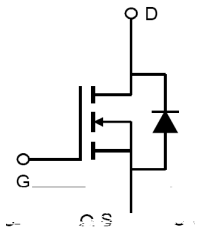
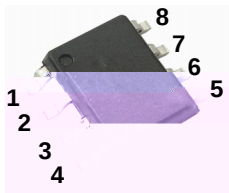
SOP-8 N MOS N-Channel in a SOP-8 Plastic Package.

/ Features

$R_{DS(on)}$ RoHS
 Low $R_{DS(on)}$, Low Gate Charge, Optimized for fast-switching, RoHS and Halogen-Free Compliant.

/ Applications

DC/DC AC/DC /
 Synchronous Rectification in DC/DC and AC/DC Converters, Isolated DC/DC Converters in Telecom and Industrial.

/ Equivalent Circuit**/ Pinning**

PIN1:S PIN 2:S PIN 3 S PIN 4 G
 PIN5 PIN 6 PIN 7 PIN 8:D

/ h_{FE} Classifications & Marking

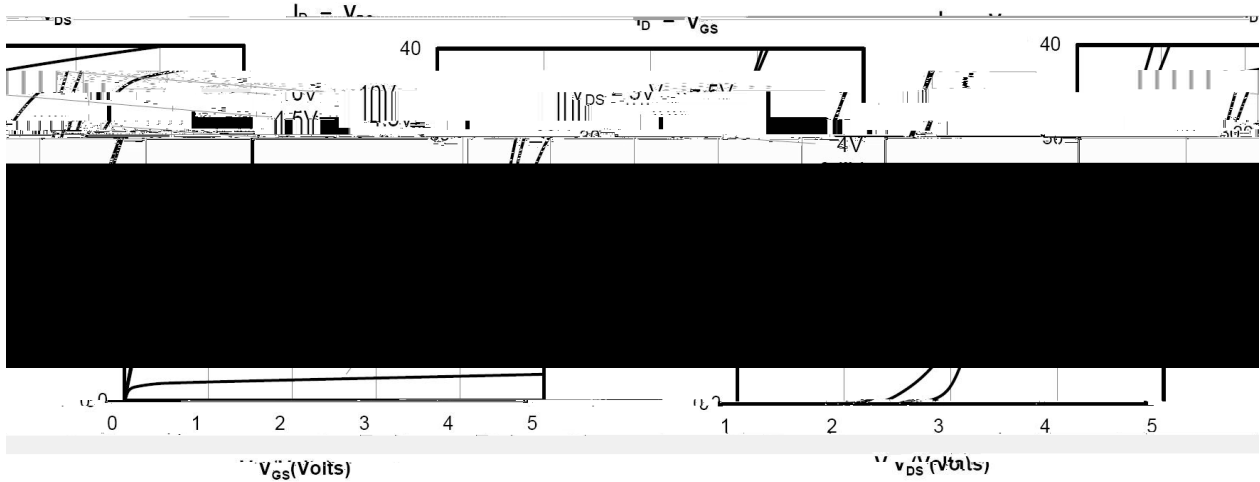
See Marking Instructions.

BRCS4292SC

/ Electrical Characteristics(Ta=25)

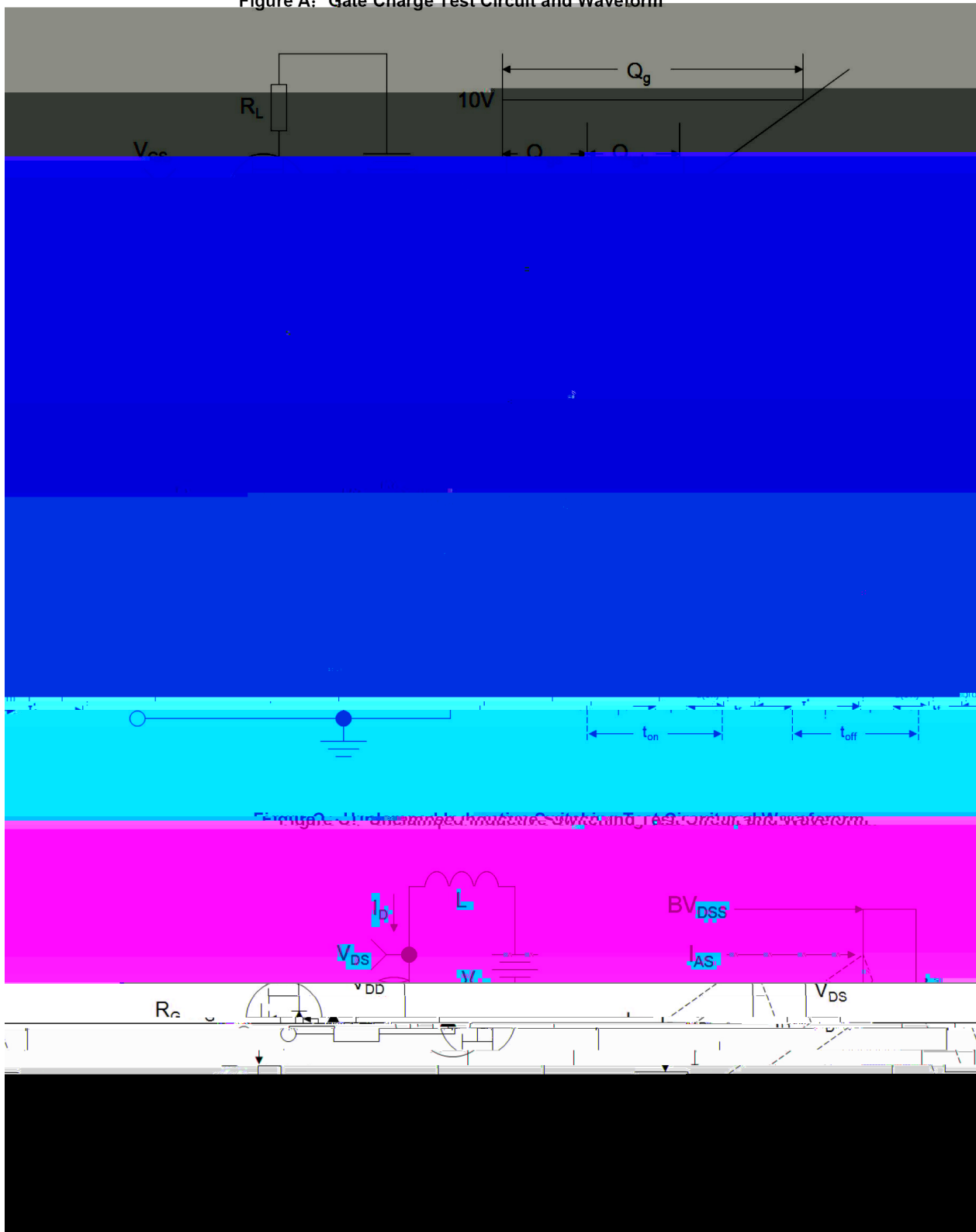
Parameter	Symbol	Test Conditions	Min
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/ Electrical Characteristic Curve

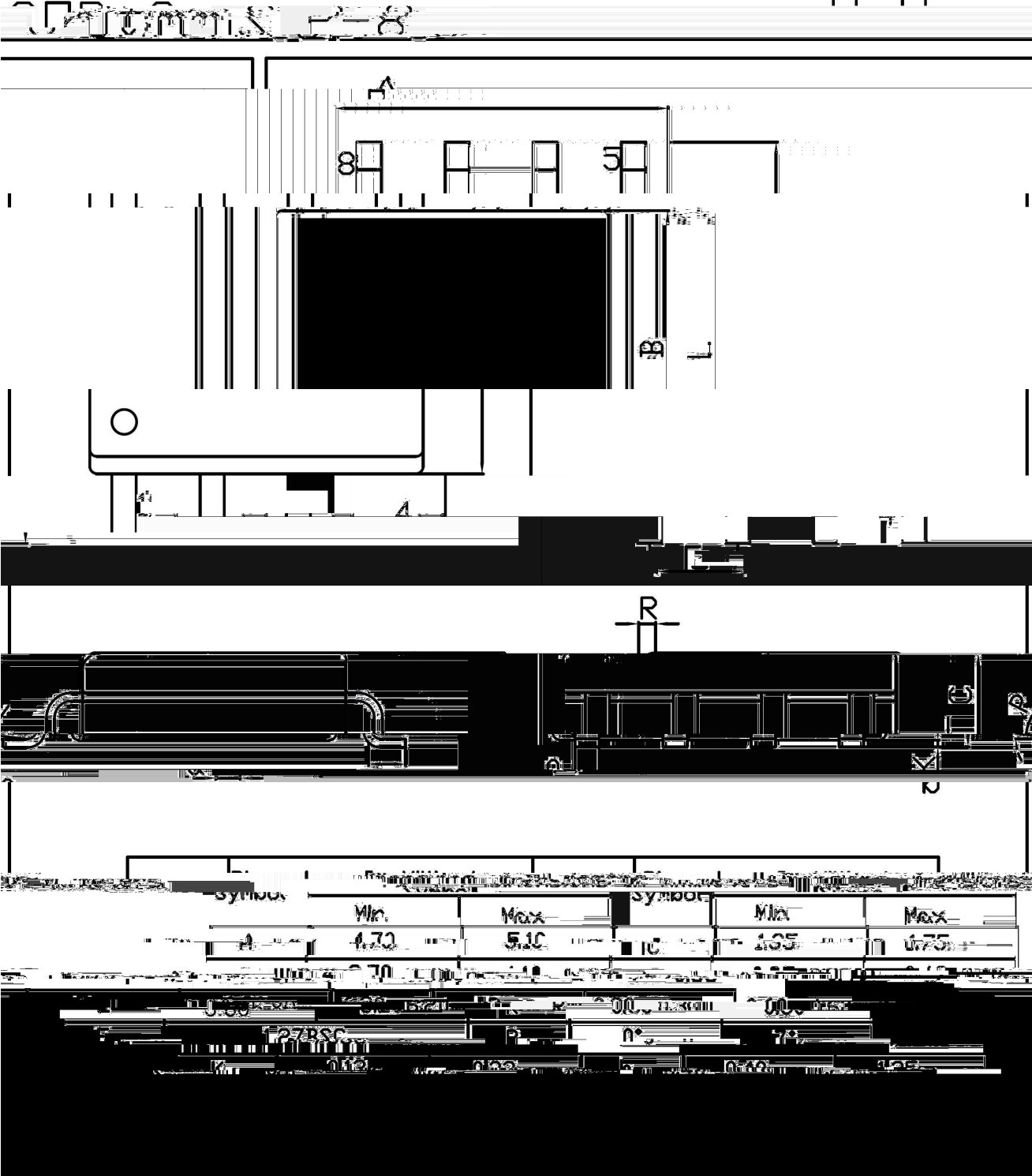


/ Test Circuit & Waveform

Figure A: Gate Charge Test Circuit and Waveform



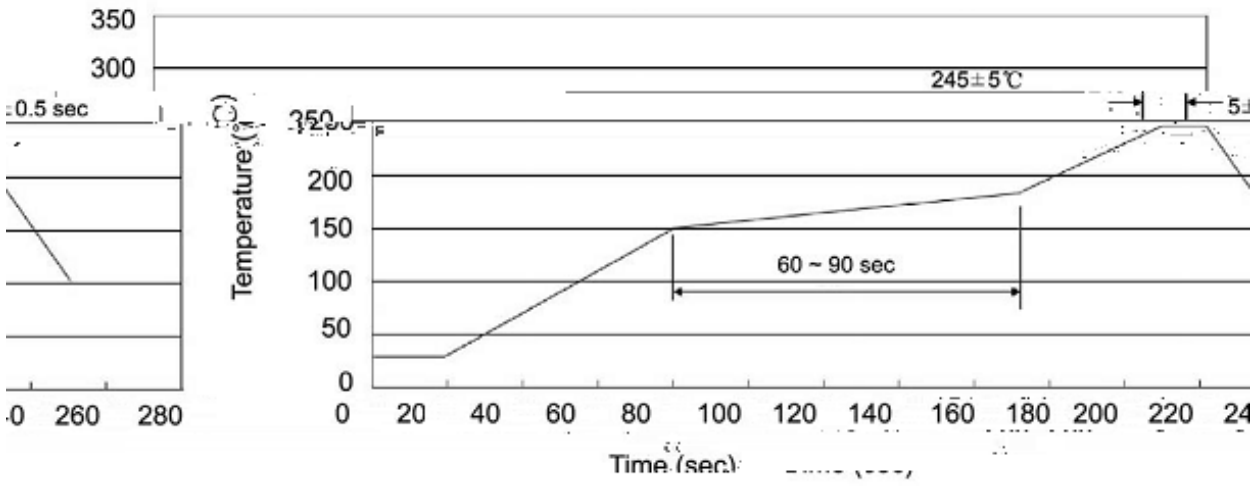
/ Package Dimensions



BRCS4292SC

Rev.E Oct.-2018

() / 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 Sp.7(T)10744000874068a93960t30 T4 02 0 TD0 |
- 260±5 10±1 sec.

/ Packaging SPEC.

/ REEL