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| A | 2018-7 |

## / Descriptions

SOT-363 N MOS
N-CHANNEL MOSFET in a SOT-363 Plastic Package.

## / Features

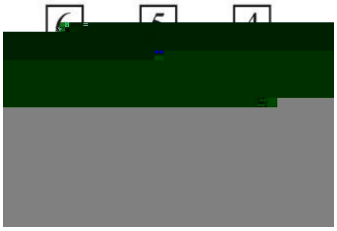
SOT-363 1500V
Low RDS(on),rugged and reliable, compact industry standard SOT-363 surface mount package.ESD protected up to 1500V. HF product.

## / Applications

-

Typical applications are dc–dc converters, portable power management and battery–Charging products.

## / Equivalent Circuit



## / Pinning



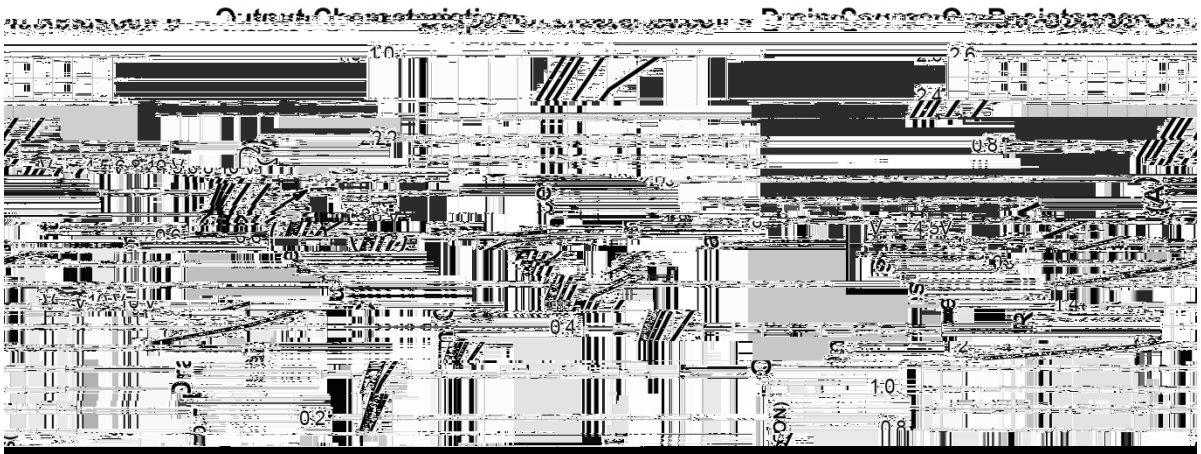

PIN1 S1 PIN 2 G1 PIN 3 D2 PIN 4 S2 PIN 5 G2 PIN 6 D1

## / Marking

| | |
|---|---|
| Marking | 见印章页 |

**BRCS139WS**
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## / Electrical Characteristic Curve



**B** **S**

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## ( ) / 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 Speed: 2~10℃/sec. |

## / Resistance to Soldering Heat Test Conditions

| | | | |
|---|---|---|---|
| 260±5℃ | 10±1 sec. | Temp.:260±5℃ | Time:10±1 sec |

## / Packaging SPEC.

/ REEL