
A	2018-7

/ Descriptions

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

/ Features

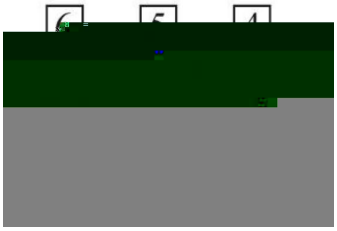
SOT-363 1500V
Low RDS(on),rugged and reliable, compact industry standard SOT-363 surface mount package.ESD protected up to 1500V. HF product.

/ Applications

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

/ Equivalent Circuit



/ Pinning



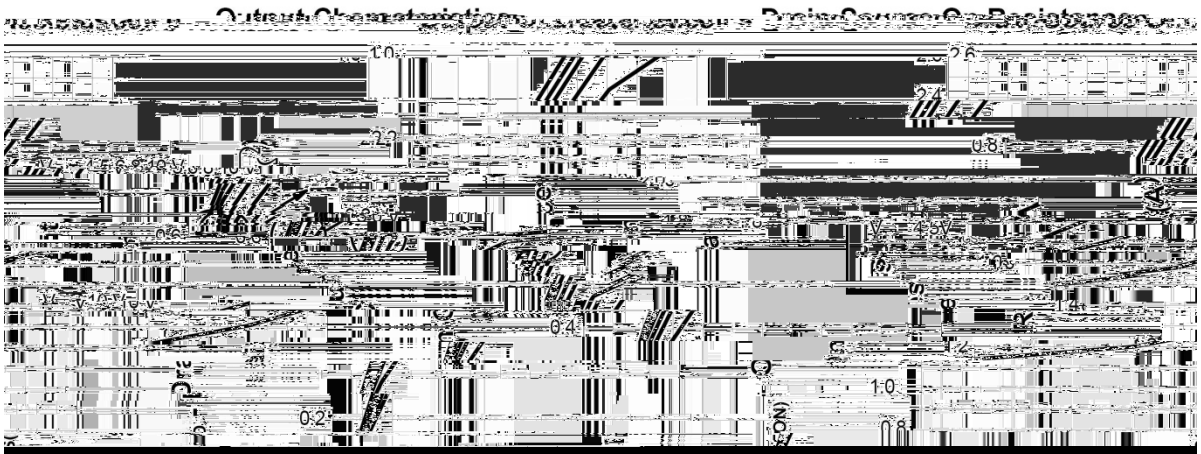
PIN1 S1 PIN 2 G1 PIN 3 D2 PIN 4 S2 PIN 5 G2 PIN 6 D1

/ Marking

Marking	见印章页

BRCS139WS
Rev.C Oct.-

/ Electrical Characteristic Curve



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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