

# BRBAV19WSQ-BRBAV21WSQ

Rev.B Aug.-2025

## / Descriptions

SOD-323

Silicon Diode in a SOD-323 Plastic Package.

## / Features

AEC-Q101

Fast switching diodes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

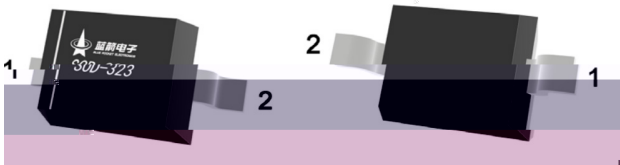
## / Applications

Small signal diode, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



PIN1:Cathode

PIN2:Anode

## / Marking

Model	BRBAV19WSQ	BRBAV20WSQ	BRBAV21WSQ
Marking	QA8	QT2	QT3

# BRBAV19WSQ-BRBAV21WSQ

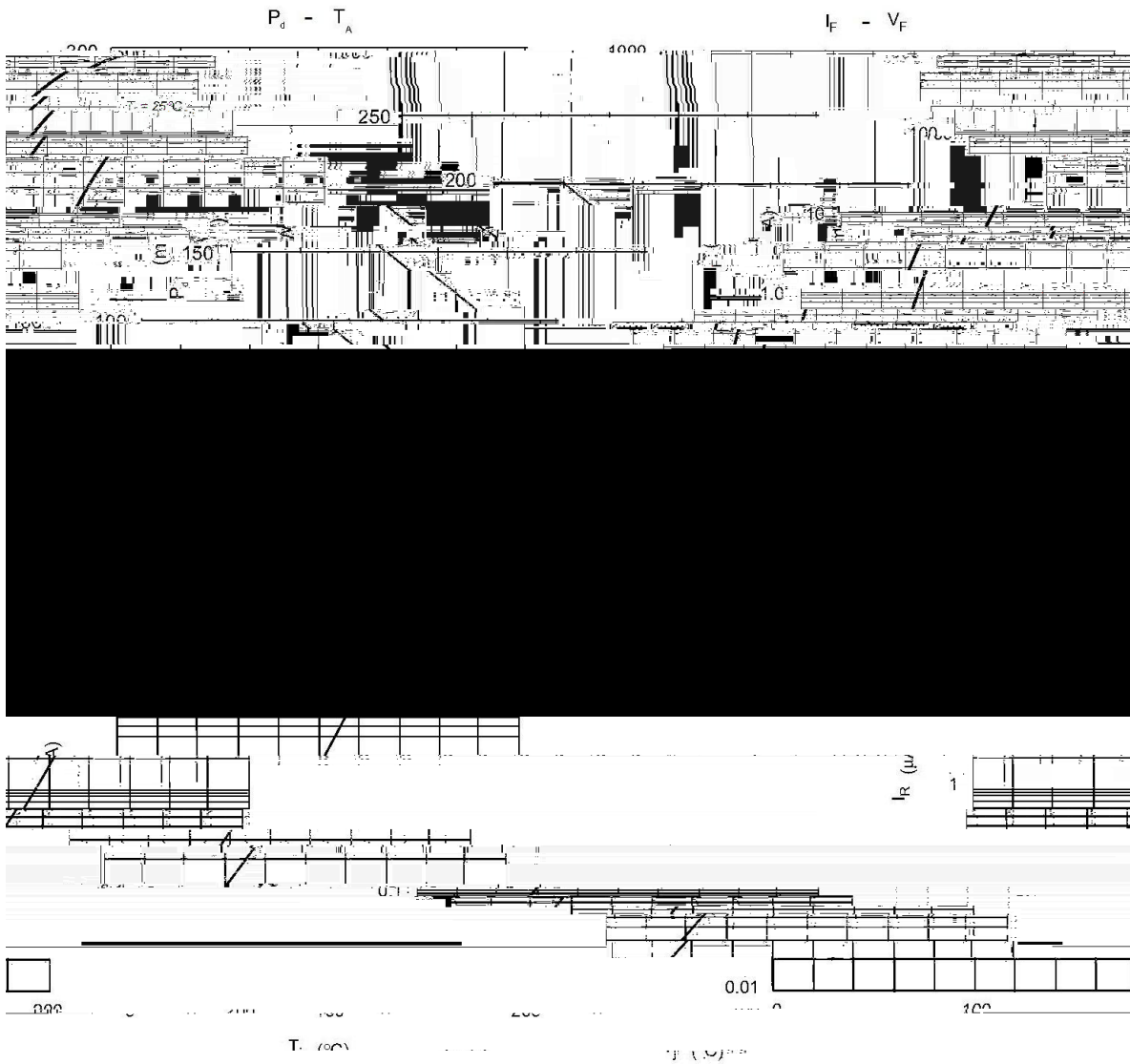
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DATA SHEET

Parameter	Symbol	Rating			Unit
		BRBAV19WSQ	BRBAV20WSQ	BRBAV21WSQ	
Peak Repetitive Reverse Voltage	$V_{RRM}$	120	200	250	V
Working Peak Reverse Voltage, DC Reverse Voltage	$V_{RWM}$ $V_R$	100	150	200	V
RMS Reverse Voltage	$V_{R\ RMS}$	71	106	141	V
Non-Repetitive Peak Forward Current	$I_{FM}$	400			m A
Output Current	$I_O$	200			m A
Non-Repetitive Peak Forward Surge Current	$I_{FSM}$	t=1.0			

/ Electrical Characteristic Curve



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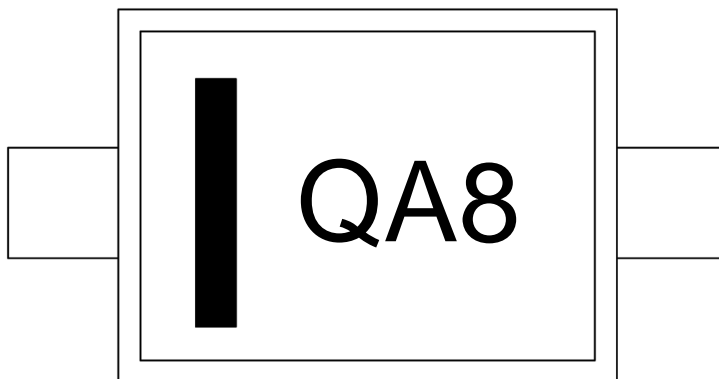
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**蓝箭电子**  
BLUE ROCKET ELECTRONICS

**DATA SHEET**

/ Marking Instructions



Q

A8

Note:

Q: Automobile halogen-free product Code

A8: Product Type

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