

# BR2SD667(A)TQ

Rev.A Apr.-2023

## / Descriptions

Silicon NPN transistor in a SOT-89 Plastic Package.

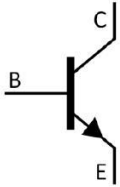
## / Features

Complementary pair with BR2SB647(A)TQ, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

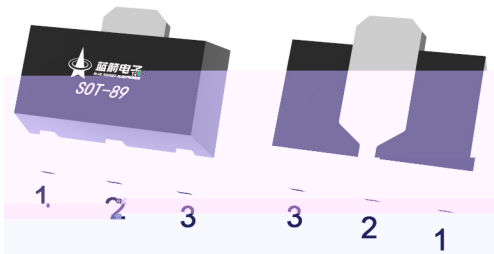
## / Applications

Low frequency power amplifier, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



PIN1 Base      PIN 2 Collector      PIN 3 Emitter

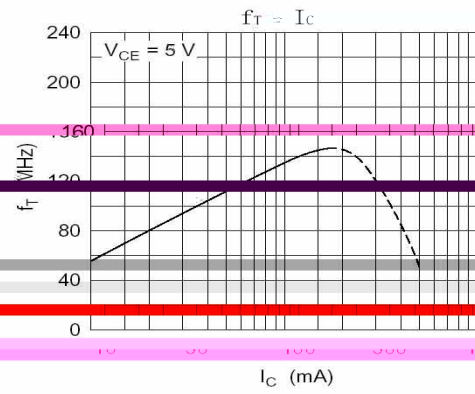
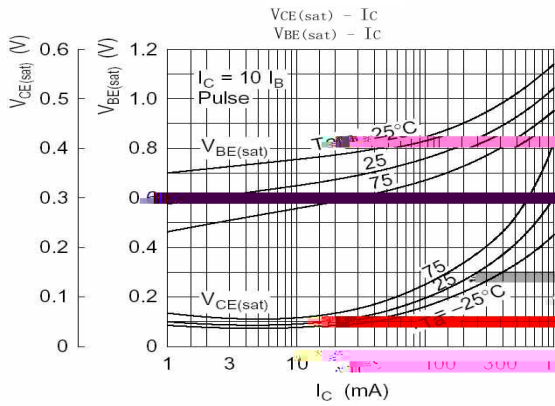
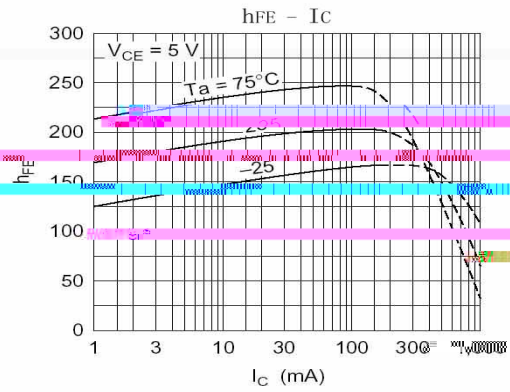
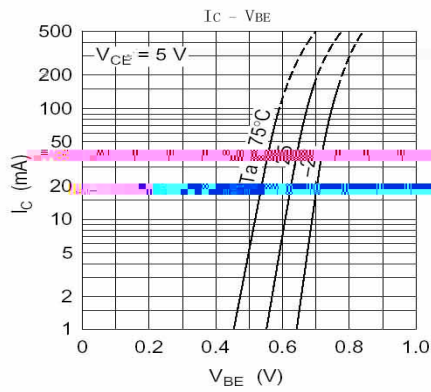
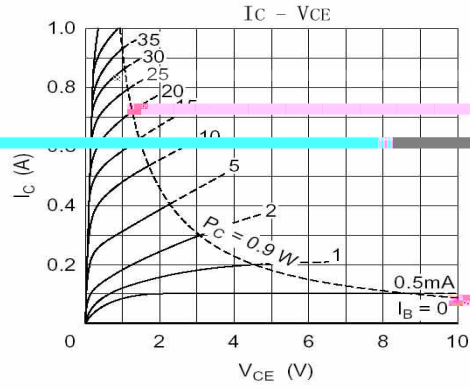
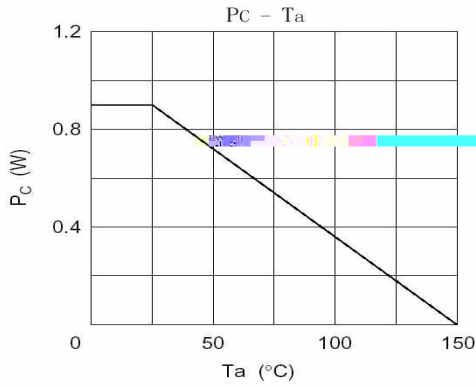
## / h<sub>FE</sub> Classifications & Marking

h <sub>FE</sub> Classifications Symbol	B	C	D
h <sub>FE</sub> Range	60 120	100 200	160 320
Marking	Q67B * **	Q67C * **	Q67D * **

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Parameter

**/ Electrical Characteristic Curve**

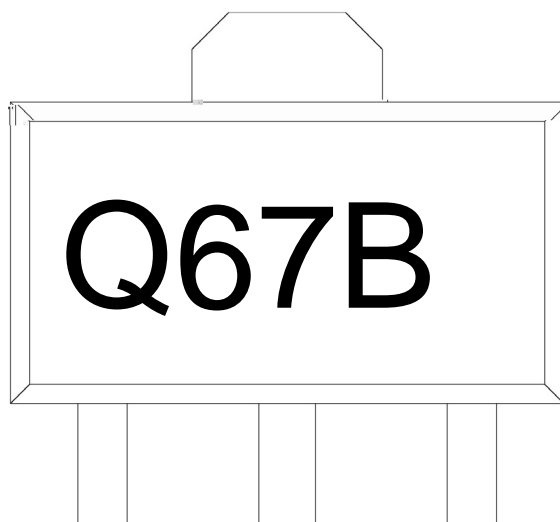


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DATA SHEET

**/ Marking Instructions**



Note:

- Q: Automobile halogen-free product Code
- 67: Product Type
- B: h<sub>FE</sub> Classifications Symbol
- \*\* : Lot No. Code,code change with Lot No

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蓝箭电子  
BLUE ROCKET ELECTRONICS

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## ( ) / Temperature Profile for Dip Soldering(Pb-Free)


Note:

1      150 200      60 120sec;      1.Preheating:150~200 , Ti ½