

/ Descriptions

SOT-89 NPN Silicon NPN transistor in a SOT-89 Plastic Package.

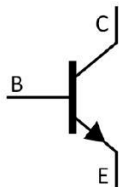
/ Features

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

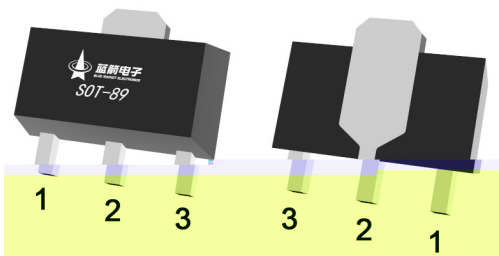
/ Applications

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

/ Equivalent Circuit



/ Pinning



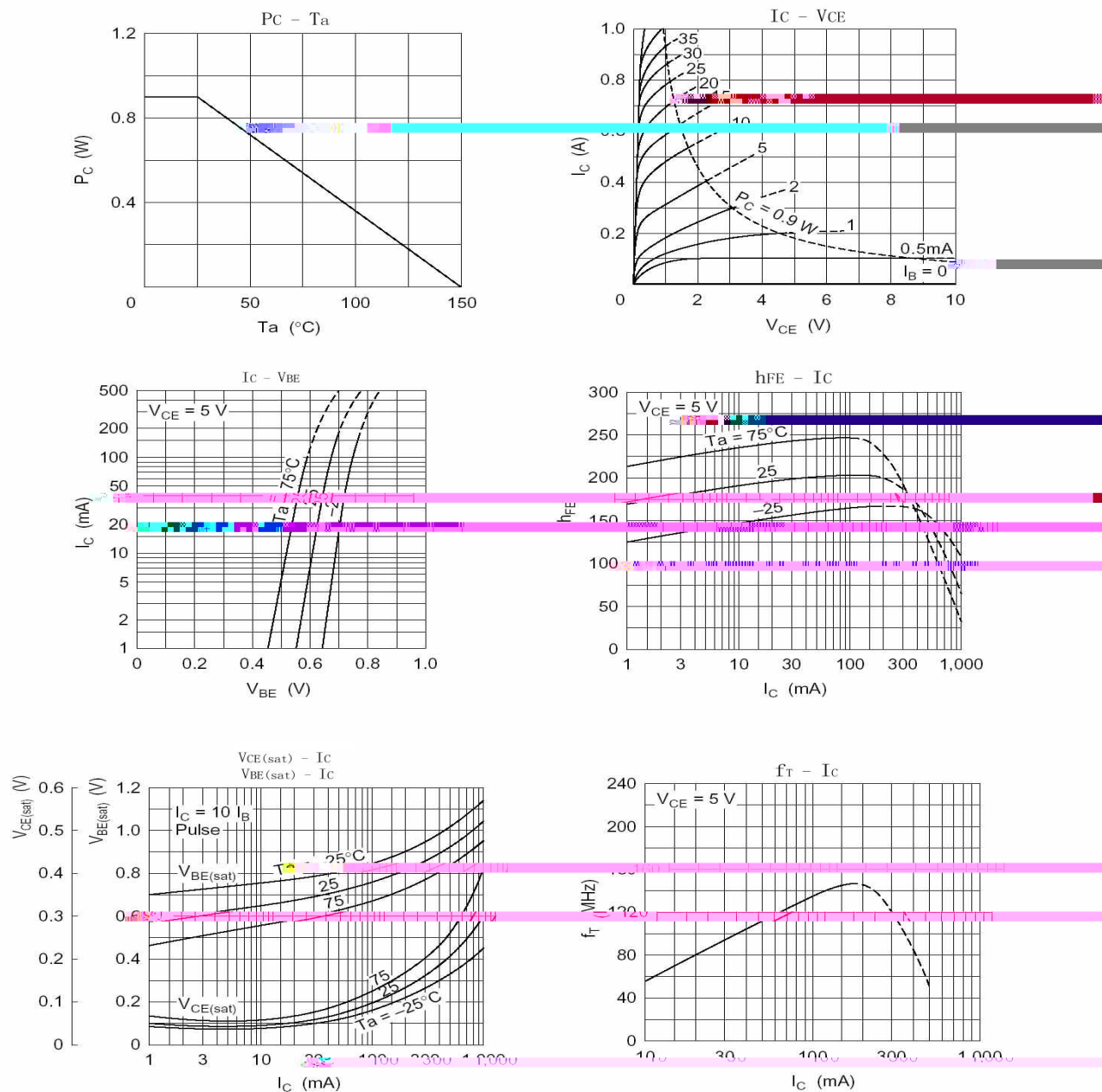
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

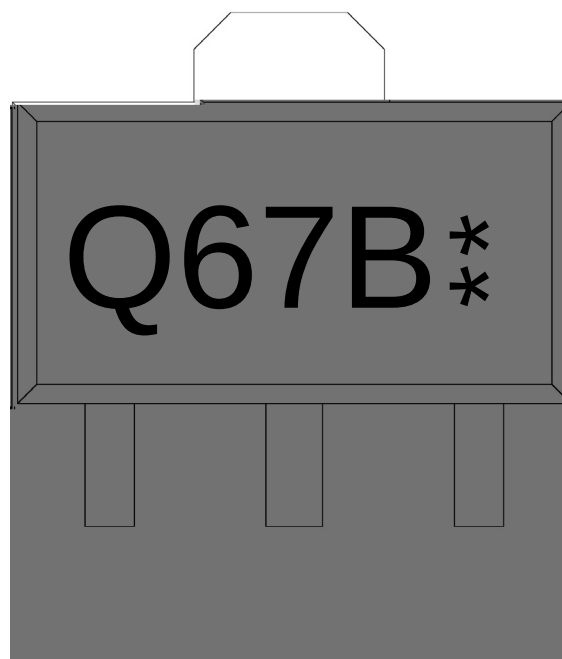
h _{FE} Classifications Symbol	B	C	D
h _{FE} Range	60 120	100 200	160 320
Marking	Q67B * *	Q67C * *	Q67D * *

Parameter

/ Electrical Characteristic Curve



/ Marking Instructions



Q

67

B: h_{FE}

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Note:

Q: Automobile halogen-free product Code

67: Product Type

B: h_{FE} Classifications Symbol

** : Lot No. Code,code change with Lot No

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

Note:

1 150 200 60 120sec; 1.Preheating:150~200