/ Descriptions

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

/ Features

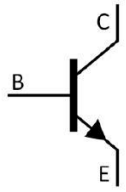
BR2SB647(A)TQ AEC-Q101

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

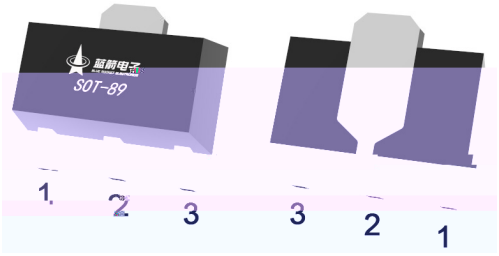
/ Applications

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

/ Equivalent Circuit



/ Pinning



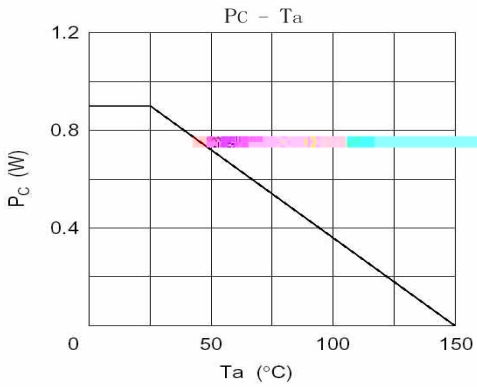
PIN1 Base PIN 2 Collector PIN 3 Emitter

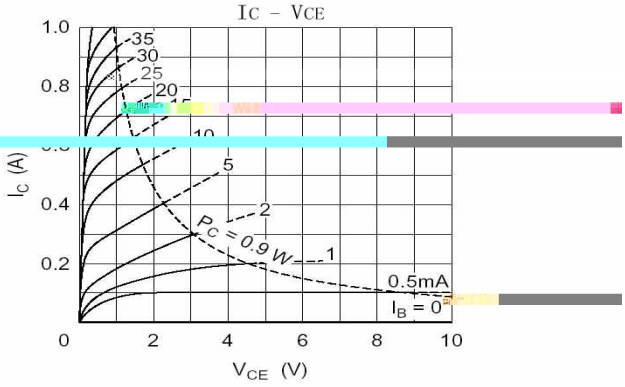
/ h_{FE} Classifications & Marking

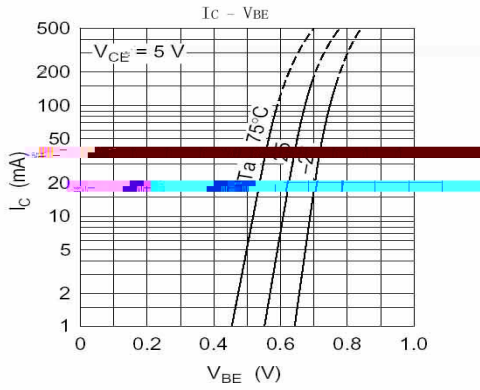
h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	60 120	100 200	160 320
Marking	Q67B **	Q67C **	Q67D **

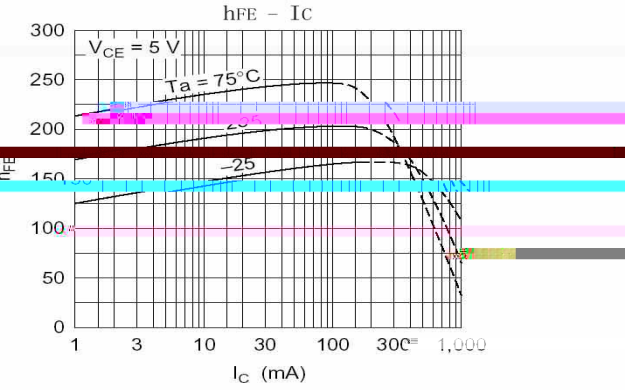
Parameter

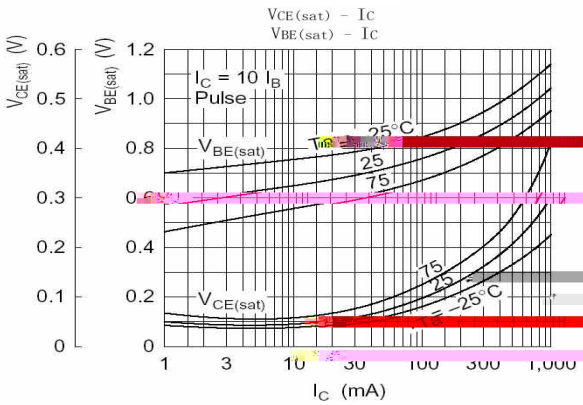
/ Electrical Characteristic Curve

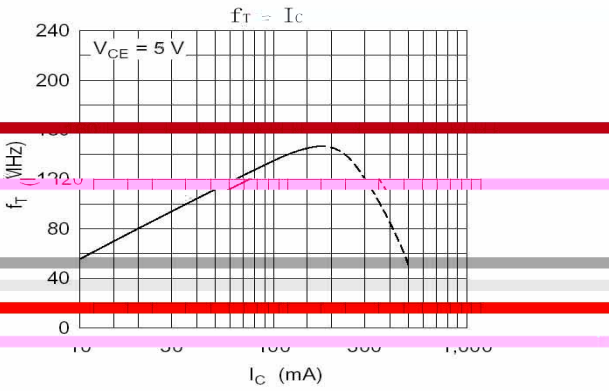




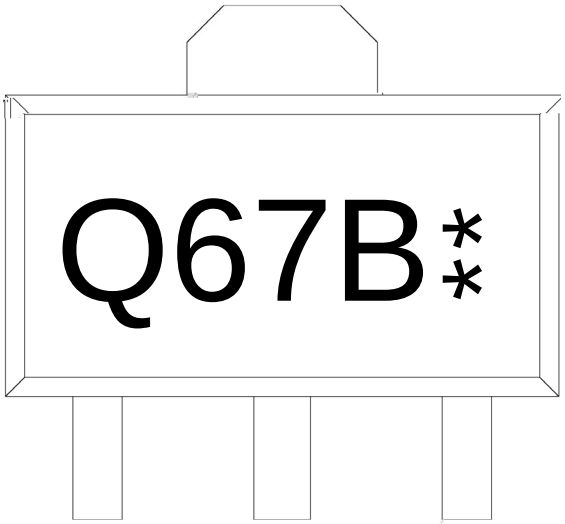








/ Marking Instructions



Q

67

B: h_{FE}

**

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	