E	2016-5				
F	2021-4-20	1			
A	2022-4-23	all	BR Q TO-252 TO-252#, AEC-Q101 Q 245±5℃ 5 ±0.5sec 255 ±5℃ 5±0.5sec		

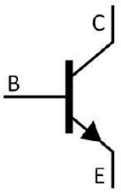
TO-252 NPN ! " # $ % & ' Silicon NPN transistor in a TO-252 Plastic Package.

(BR2SB649ADQ) * + , - AEC-Q101 . / 0 1 2 3 4 5 + 6 7 8 9 '

Complementary pair with BR2SB649ADQ, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

: ; < = > ? @ A + B C D E F : G H I 4 5 '

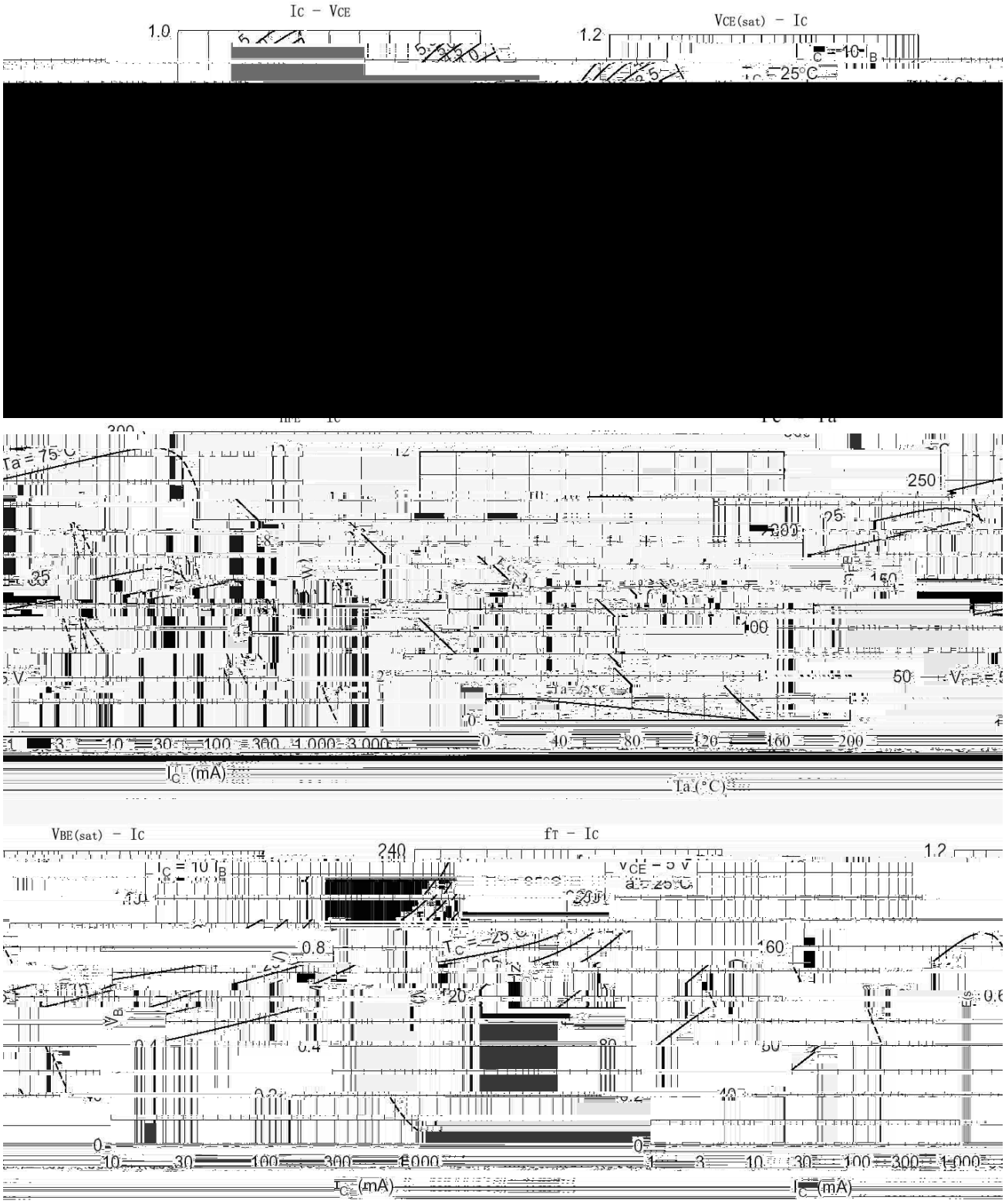
Low frequency power amplifier, Meet the stringent requirements of automotive applications.



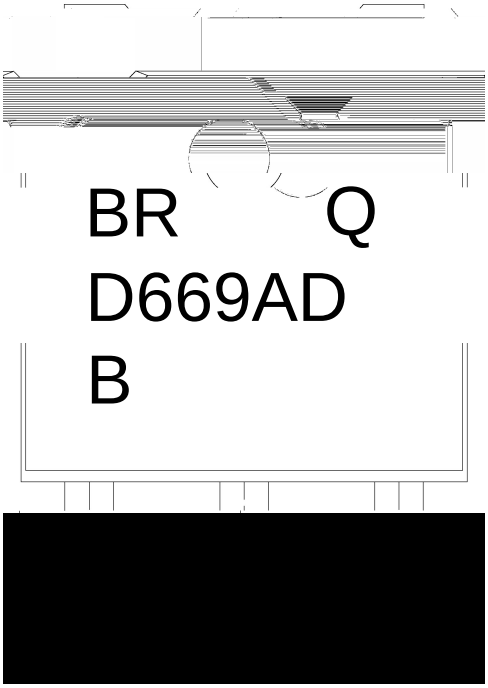


PIN1 J Base PIN 2,4 J Collector PIN 3 J Emitter

h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	60～120	100～200	160～320


Ic – VCE
VCE(sat) – Ic
25°C
Ta = 75°C
250
200
150
100
50
40
80
120
160
200
Ta (°C)
VBE(sat) – Ic
fT – Ic
240
200
160
120
80
40
0.8
0.4
0
30
100
300
1,000
3,000
1
3
10
IC (mA)

Rev.A Apr.-2022



BR

Q

D669AD

B: h_{FE}

****

Note:

BR:	Company Code
Q:	Automobile halogen-free product Code
D669AD:	Product Type
B:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No