

JEDEC STANDARD

Ranges and Conditions for Specifying Beta for Low Power, Audio Frequency Transistors for Entertainment Service

JESD302

(Previously known as RS-302 and/or EIA-302)

JANUARY 1965 (Reaffirmed: April 1981, April 1999, March 2009)

JEDEC SOLID STATE TECHNOLOGY ASSOCIATION



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JANUARY, 1965

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EIA-NEMA STANDARD

for

RANGES AND CONDITIONS FOR SPECIFYING BETA FOR LOW POWER, AUDIO FREQUENCY TRANSISTORS FOR ENTERTAINMENT SERVICE

**ELECTRONIC INDUSTRIES ASSOCIATION
STANDARD RS-302**

**NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
PUBLICATION No. SK 505 – 1965**

Formulated by

JEDEC Semiconductor Device Council

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These standards, adopted by the Electronic Industries Association and issued jointly by the Electronic Industries Association and the National Electrical Manufacturers Association, were formulated by the Semiconductor Device Council of the Joint Electron Device Engineering Councils. The JEDEC Semiconductor Device Council is sponsored by both EIA and NEMA to develop standards, proposals, and data dealing with semiconductor devices.

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**RANGES AND CONDITIONS FOR
SPECIFYING BETA FOR LOW POWER,
AUDIO FREQUENCY TRANSISTORS FOR
ENTERTAINMENT SERVICE**

*(This Standard was formulated under the cognizance of JEDEC Committee
JS-8 on Entertainment Signal Transistors)*

1. The h_{fe} ranges for output devices should be 25-75, 50-150, and 100-300, measured at 1.0V V_{ce} and 50 mA I_c .
2. The h_{fe} ranges of other audio units should be 25-75, 50-150, and 100-300, measured at 6V V_{ce} , 1 mA I_c , and 1000 cps.



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