

2N3906

ELECTRICAL CHARACTERISTICS

| Characteristic | Symbol | Min | Max | Unit |
|----------------|--------|-----|-----|------|
|----------------|--------|-----|-----|------|

OFF CHARACTERISTICS

| | | | | |
|---|-------|---|---|--|
| - | | | - | |
| - | μ | | - | |
| - | μ | | - | |
| | | - | | |
| | | - | | |

ON CHARACTERISTICS

| | | | | |
|---|--|---|---|---|
| | | | - | - |
| | | | - | |
| - | | - | | |
| - | | - | | |

SMALL-SIGNAL CHARACTERISTICS

| | | | | |
|-------|----------|---|---|----------|
| - - | | | - | |
| | | - | | |
| | | - | | |
| | | | | Ω |
| | | | | - |
| - | | | | - |
| | | | | μ |
| μ | Ω | | - | |

SWITCHING CHARACTERISTICS

| | | | | | |
|--|--|--|---|--|--|
| | | | - | | |
| | | | - | | |
| | | | - | | |
| | | | - | | |

$\leq \mu \leq$

2N3906

ORDERING INFORMATION

| Device | Package | Shipping |
|--------|---------|----------|
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |
| | - | |

2N3906

2N3906

TYPICAL AUDIO SMALL

TYPICAL STATIC CHARACTERISTICS

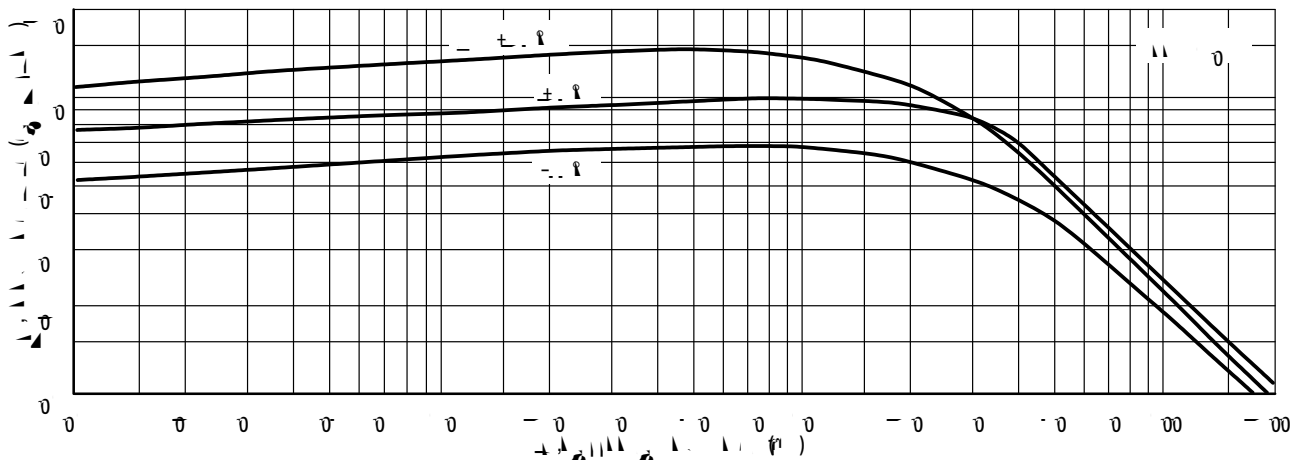
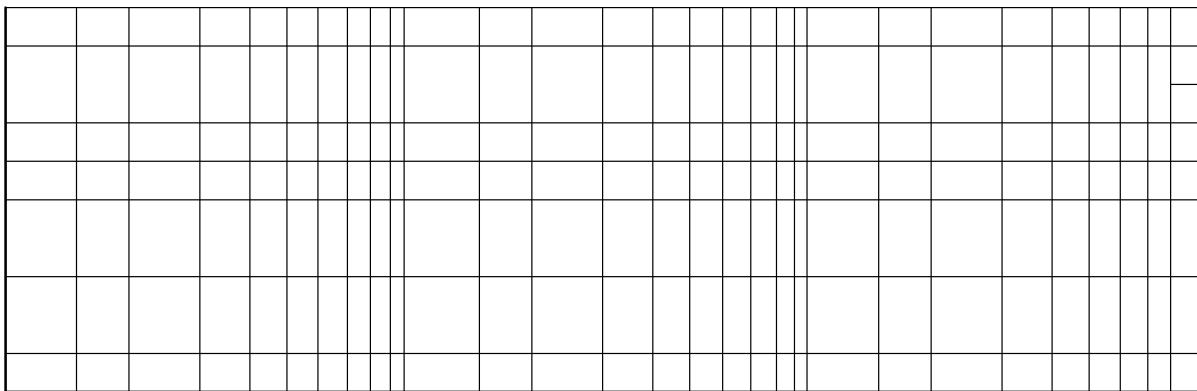


Figure 13. DC Current Gain



TO-92 (TO-226)
CASE 29-11
ISSUE AM

DATE 09 MAR 2007

TO-92 (TO-226)
CASE 29-11
ISSUE AM

DATE 09 MAR 2007

Y 1: .006-46A
N1.
2. BA
3.

Y 2:
N1. BA
2.
3.

Y 3:
N1. AN
2. AN
3. A

Y 6:
N1. A
2. U & UB A
3. AN

Y 7:
N1. U
2. AN
3. A

Y 8:
N1. AN
2. A
3. U & UB A

Y 11:
N1. AN
2. A & AN
3. A

Y 12:
N1. AN NA 1
2. A
3. AN NA 2

Y 13:
N1. AN 1
2. A
3. A 2

Y 16:
N1. AN
2. A
3. A

Y 17:
N1.
2. BA
3.

Y 18:
N1. AN
2. A
3. N NN

Y 21:
N1.
2.
3. BA

Y 22:
N1. U
2. A
3. AN

Y 23:
N1. A
2. U
3. AN

Y 26:
N1.
2. UN 2
3. U U

Y 27:
N1.
2. UB A
3.

Y 28:
N1. A
N1. AN Y 8: 3. AN
2.

Y 31:
N1. A
2. AN
3. U

Y 32:
N1. BA
2.
3.

Y

2. A

onsemi, **onsemi**, and other names, marks, and brands are registered and/or common law trademarks of Semiconductor Components Industries, LLC dba "**onsemi**" or its affiliates and/or subsidiaries in the United States and/or other countries. **onsemi** owns the rights to a number of patents, trademarks, copyrights, trade secrets, and other intellectual property. A listing of **onsemi**'s product/patent coverage may be accessed at www.onsemi.com/site/pdf/Patent-Marking.pdf. **onsemi** reserves the right to make changes at any time to any products or information herein, without notice. The information herein is provided "as-is" and **onsemi** makes no warranty, representation or guarantee regarding the accuracy of the information, product features, availability, functionality, or suitability of its products for any particular purpose, nor does **onsemi** assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. Buyer is responsible for its products and applications using **onsemi**
