

CHARACTERISTICS

| | | |
|--|--------------|------|
| Base-to-Emitter Voltage (with collector ma = 10 and base ma = 0.5) ... | 0.15 to 0.35 | volt |
| Collector-to-Emitter Saturation Voltage (with collector ma = 10 and base ma = 0.17) | 0.2 max | volt |

In Common-Base Circuit

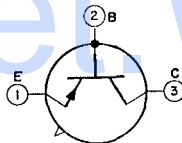
| | | |
|--|--------|----|
| Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = 5 and emitter ma = 1) | 10 min | Mc |
|--|--------|----|

In Common-Emitter Circuit

| | | |
|---|-----------|--|
| Forward Current-Transfer Ratio: | | |
| With collector-to-emitter volts = 1 and collector ma = 10 | 60 to 300 | |
| With collector-to-emitter volts = 0.35 and collector ma = 200 | 20 min | |

2N1307

Germanium p-n-p type used in medium-speed switching applications in data-processing equipment. JEDEC No. TO-5 package; outline 6, Outlines Section. This type is identical with type 2N1303 except for the following:



CHARACTERISTICS

| | | |
|--|----------------|------|
| Base-to-Emitter Voltage (with collector ma = -10 and base ma = -0.5) | -0.15 to -0.35 | volt |
| Collector-to-Emitter Saturation Voltage (with collector ma = -10 and base ma = -0.17) | -0.2 max | volt |

In Common-Base Circuit

| | | |
|---|--------|----|
| Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = -5 and emitter ma = 1) | 10 min | Mc |
|---|--------|----|

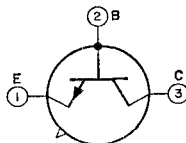
In Common-Emitter Circuit

| | | |
|---|-----------|--|
| Forward Current-Transfer Ratio: | | |
| With collector-to-emitter volts = -1 and collector ma = -10 | 60 to 300 | |
| With collector-to-emitter volts = -0.35 and collector ma = -200 | 20 min | |

TRANSISTOR

2N1308

Germanium n-p-n type used in medium-speed switching applications in data-processing equipment. JEDEC No. TO-5 package; outline 6, Outlines Section. This type is identical with type 2N1302 except for the following:



CHARACTERISTICS

| | | |
|--|--------------|------|
| Base-to-Emitter Voltage (with collector ma = 10 and base ma = 0.5) ... | 0.15 to 0.35 | volt |
| Collector-to-Emitter Saturation Voltage (with collector ma = 10 and base ma = 0.13) | 0.2 max | volt |

In Common-Base Circuit

| | | |
|--|--------|----|
| Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = 5 and emitter ma = 1) | 15 min | Mc |
|--|--------|----|

In Common-Emitter Circuit

| | | |
|---|--------|--|
| Forward Current-Transfer Ratio: | | |
| With collector-to-emitter volts = 1 and collector ma = 10 | 80 min | |
| With collector-to-emitter volts = 0.35 and collector ma = 200 | 20 min | |