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Transistor' s Thermal Sensitive Parameter Selector

Product No: UI9600

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Description

UI9600 Transistor' s Thermal Sensitive Parameter Selector measurement:

Parameter measured under normal temperature:

1)  $\beta$  (0-99)

2) Switching time T (0.01 $\mu$ s-99.9 $\mu$ s), including Tr, Ts, Tf

3) VCES (0-2V), VBE (0-2V)

4) Leakage current ICEO (0.01 $\mu$ A-99.9mA)

5) Withstand voltage BVCEO (50V-650V)

Parameter measured under high temperature: VBE,  $\beta$ , ICEO

This transistor test solution compare the measuring results VBE,  $\beta$ , ICEO gotten under normal and high temperature, to those changes exceeding the preset limits, the selector alarms to let operator to pick them out

Divide T and  $\beta$  into several groups, selector can display group number and alarm when measured values of VBE,  $\beta$ , ICEO exceed the limit, indicating the unqualified item

Freely adjusting or setting test conditions according to requirement

A.  $\beta$  testing: Ib; three different Ib current: 0.1mA、1mA、10mA

B. Switching time test: Ic; 4 different Ic current: 0.5A、0.25A、0.1A、0.05A; the corresponding current Ib: 0.1A、0.05A、0.02A、0.01A

C. Heating condition for transistor:

1) Heating voltage: 5 ~ 20V Continuously adjustable

2) Heating current: 0.05 ~ 2A Continuously adjustable

3) Heating time: 0 ~ 9.9s Continuously adjustable

Dividing value and limit value, freely set and automatically saving to any power cut; the instrument can save 20 different settings, choose one setting when using it.

Measured values displayed in four windows which are easily read and printable.

Related Products

FD2810B LCR Digital Bridge

UI9611 MOS Transistor Selector

FD1772B DC Bias Current Source

HTCT-300 Current Transformer Tester