

Kurzbeschreibung der Messungen  
mit dem Transistortester  
Version 1.11k

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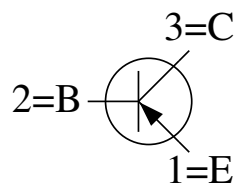
# Obsah

1	Beschreibung der BJT-Messungen	2
2	Beschreibung der MOSFET-Messungen	6

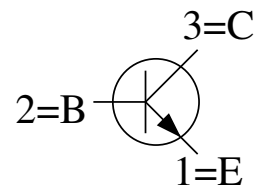
# Kapitola 1

## Beschreibung der BJT-Messungen

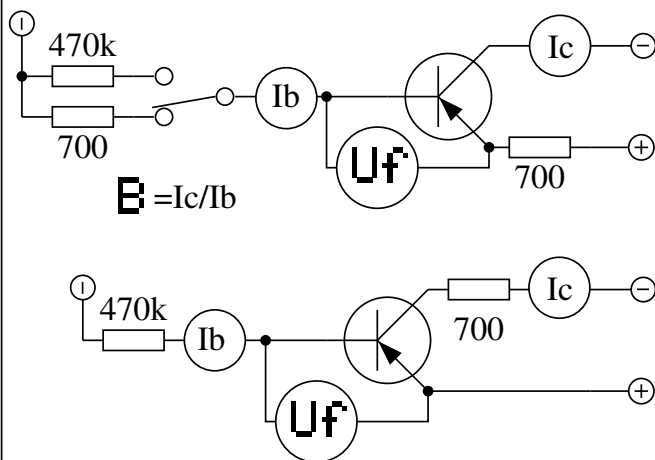
BC640



BC639

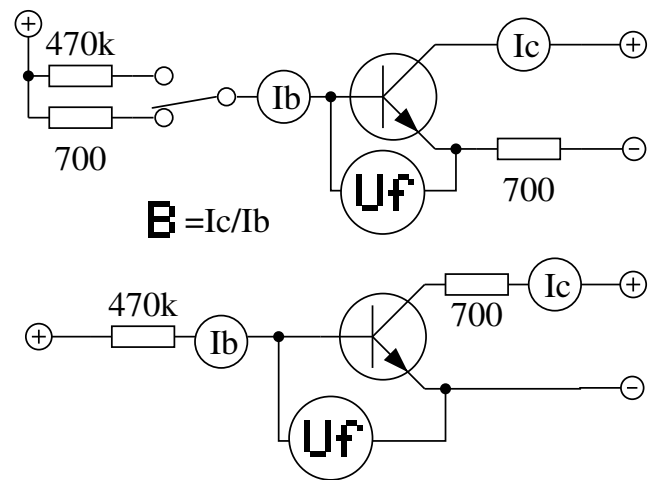


PNP 123=EBC  
 $B=185$   $U_f=607\text{mV}$



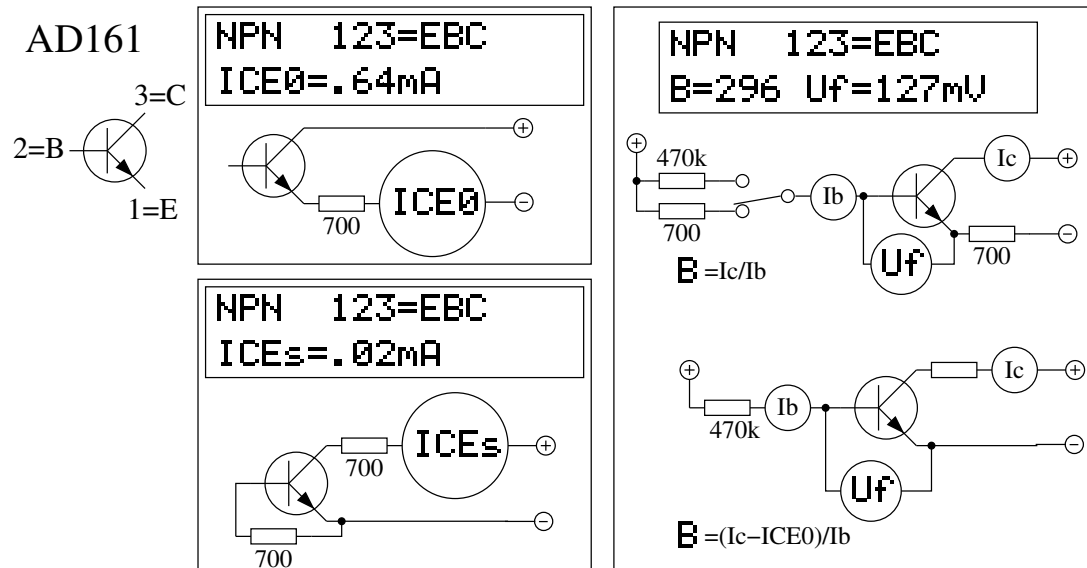
(a) PNP

NPN 123=EBC  
 $B=216$   $U_f=632\text{mV}$

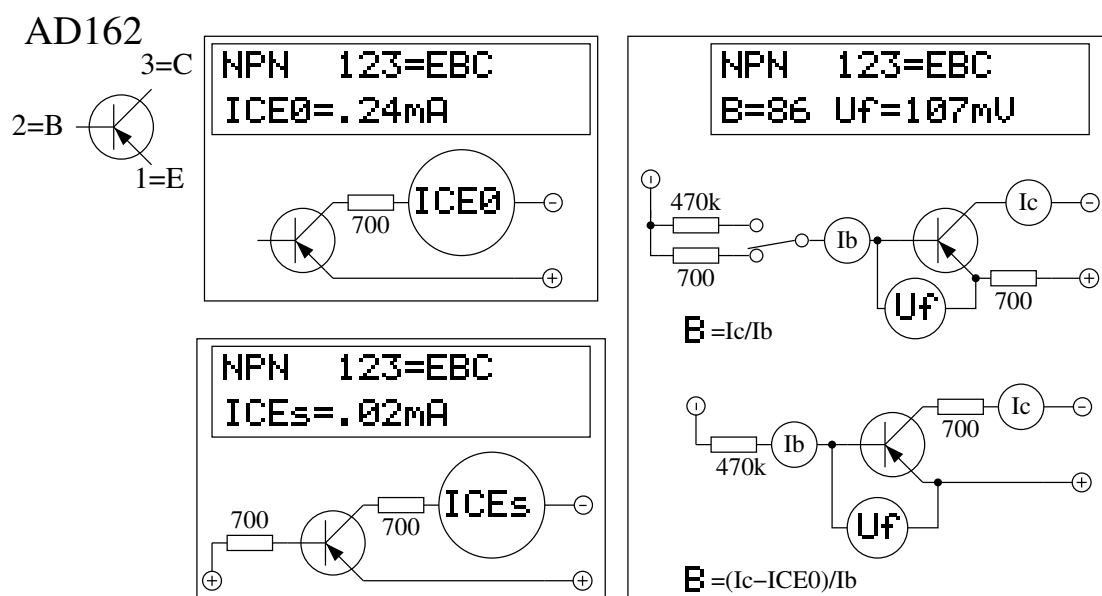


(b) NPN

Obrázek 1.1. Bipolare Silizium Transistoren

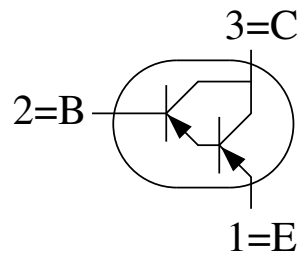


Obrázek 1.2. NPN-Germanium-Transistor

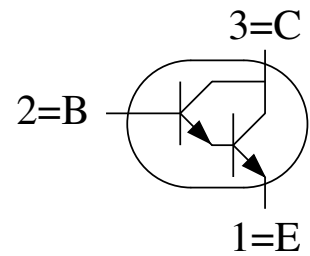


Obrázek 1.3. PNP-Germanium-Transistor

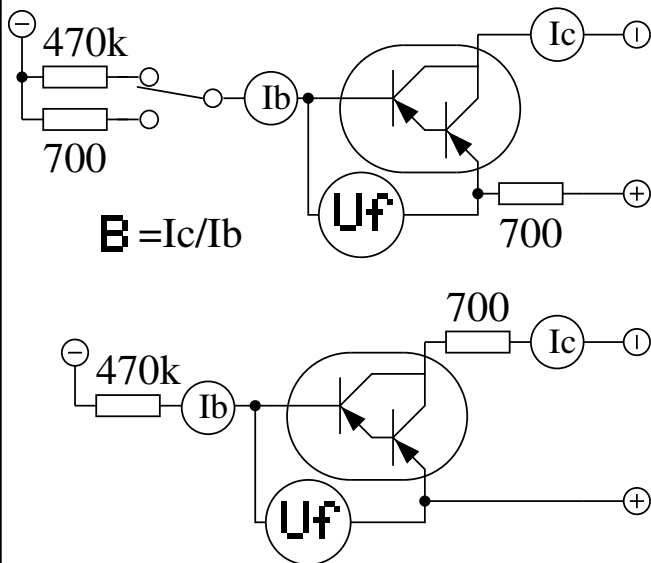
BC516



BC517

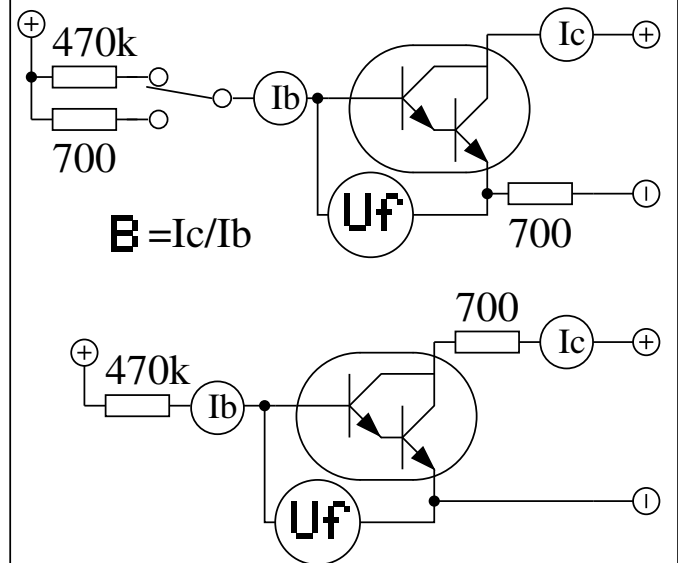


PNP 123=EBC  
B=82.0k Uf=1.20V



(a) PNP

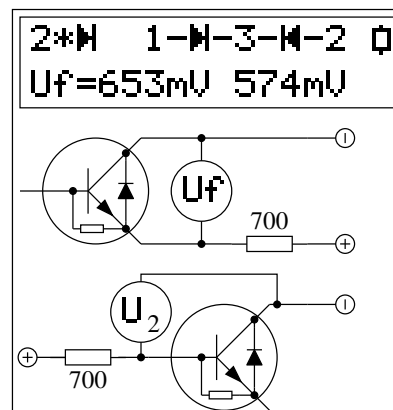
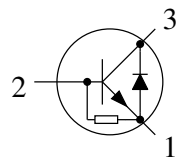
NPN 123=EBC  
B=26.0k Uf=1.23V



(b) NPN

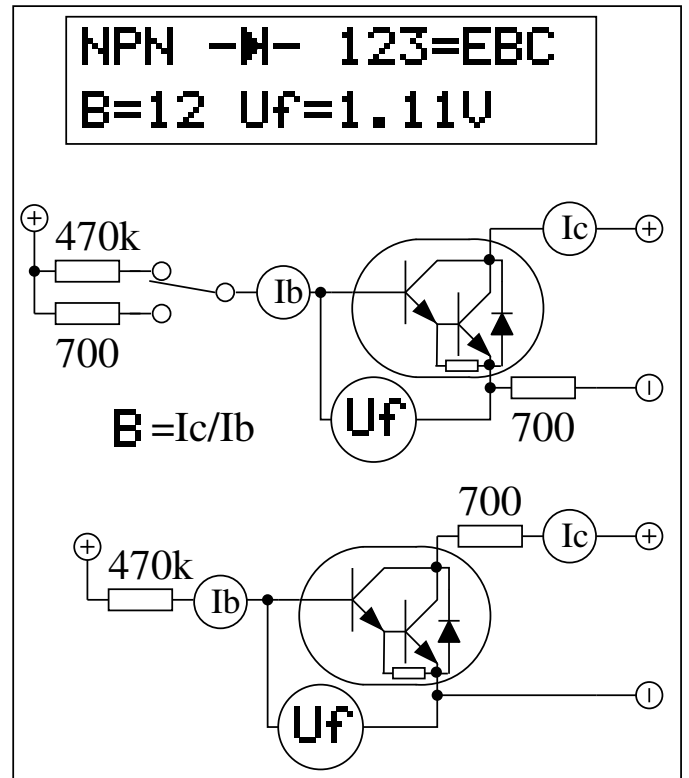
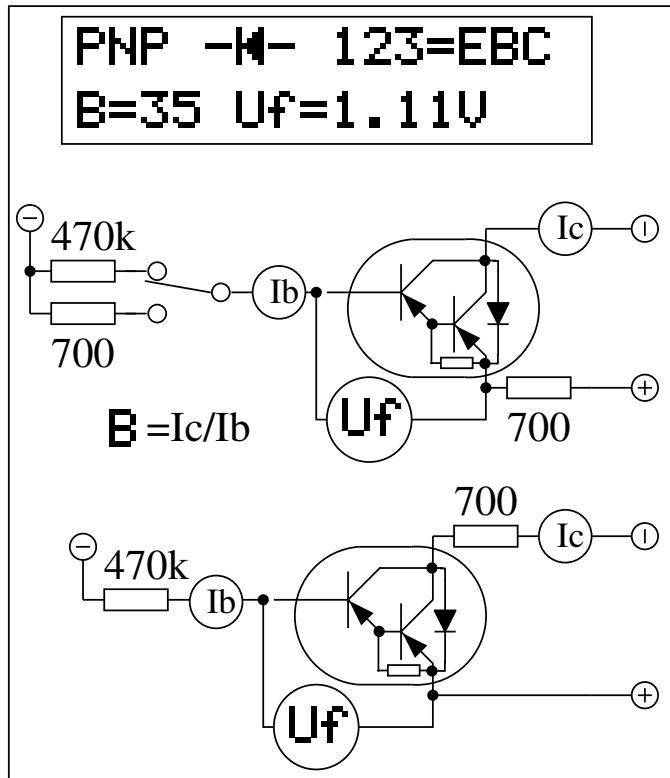
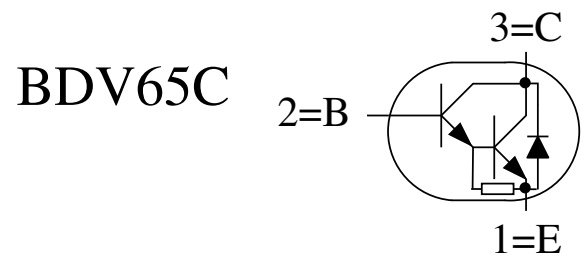
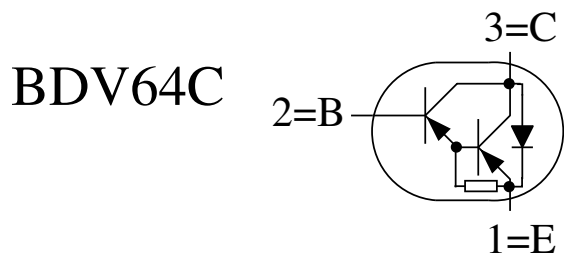
Obrázek 1.4. Silizium Darlington-Transistoren

BU508D



2\*H 1-C-2  
41.5Ω

Obrázek 1.5. NPN-Transistor mit Diode und Widerstand



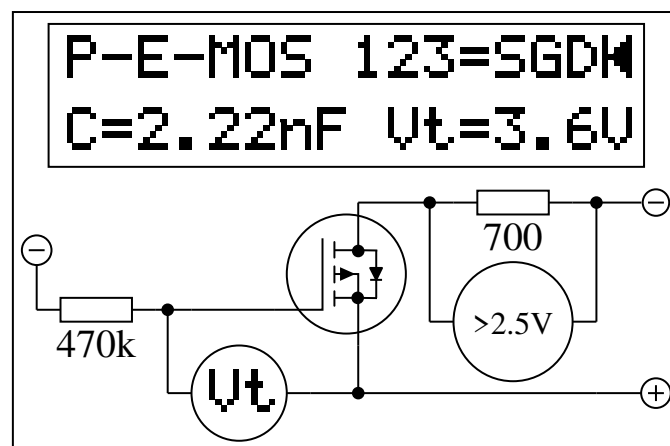
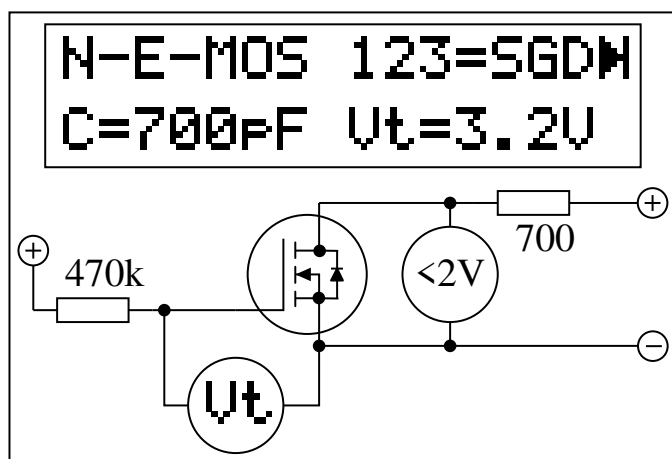
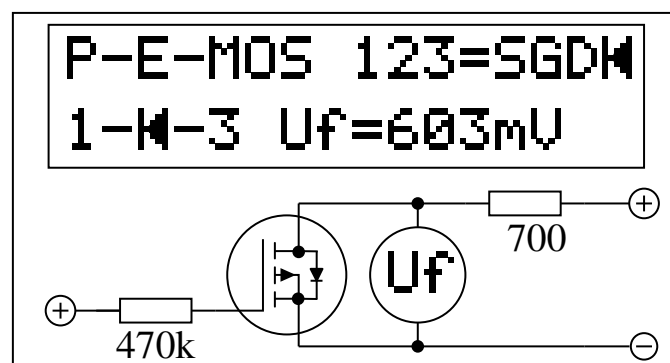
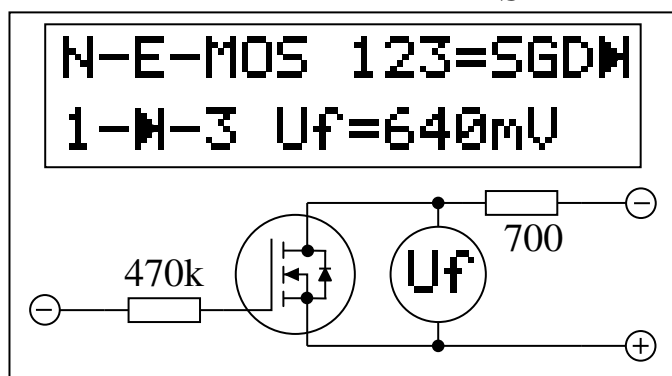
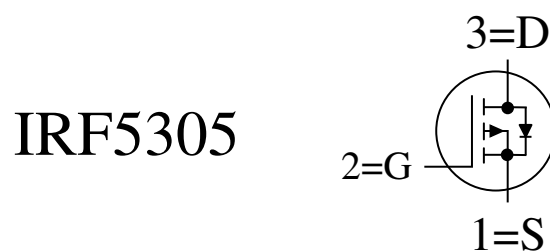
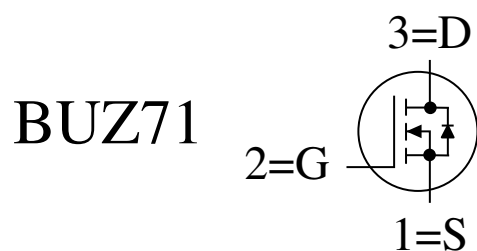
(a) PNP

(b) NPN

Obrázek 1.6. Silizium Darlington-Transistoren

# Kapitola 2

## Beschreibung der MOSFET-Messungen

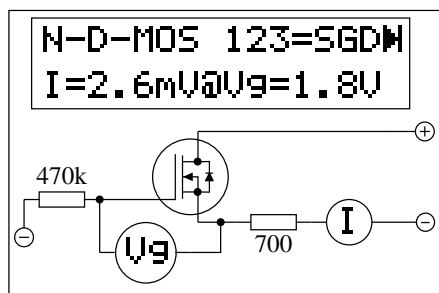
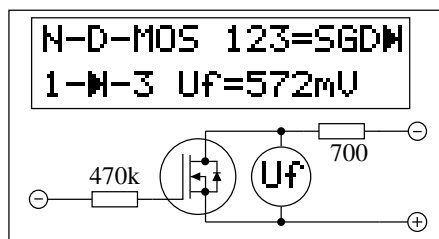
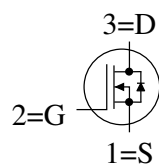


(a) N-E-MOSFET

(b) P-E-MOSFET

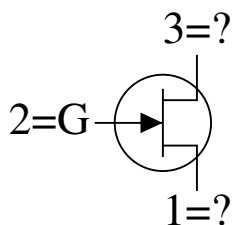
Obrázek 2.1. Anreicherungs-MOSFETs

BSS169

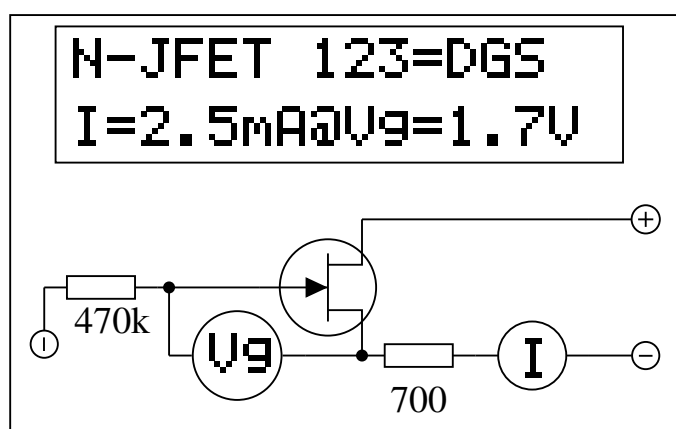
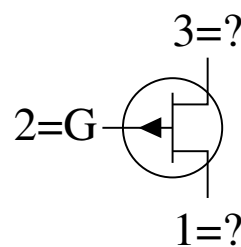


Obrázek 2.2. N-D-MOSFET

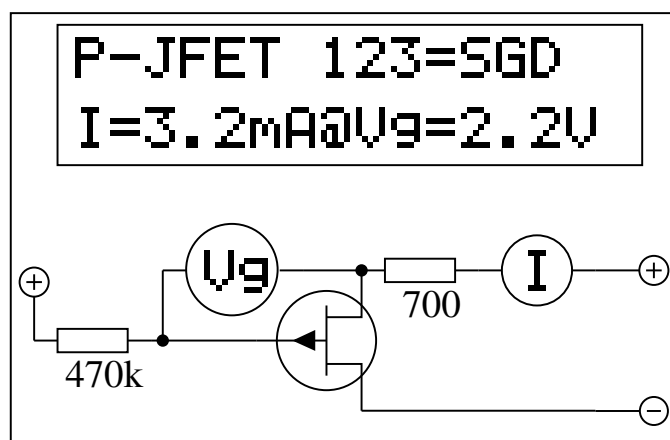
BF245



J175



(a) N-JFET



(b) P-JFET

Obrázek 2.3. JFETs



# Literatura

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