

Kurzbeschreibung der Messungen  
mit dem Transistortester  
Version 1.11k

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30. Januar 2015

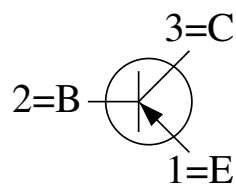
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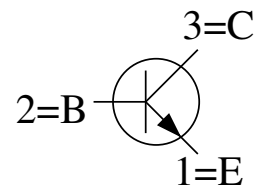
# Kapitel 1

## Beschreibung der BJT-Messungen

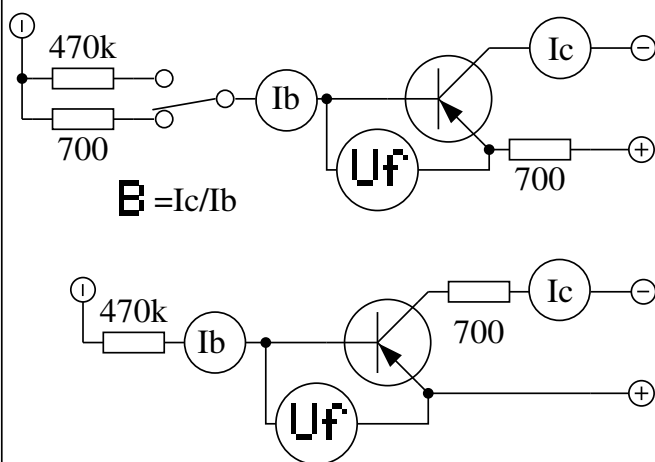
BC640



BC639

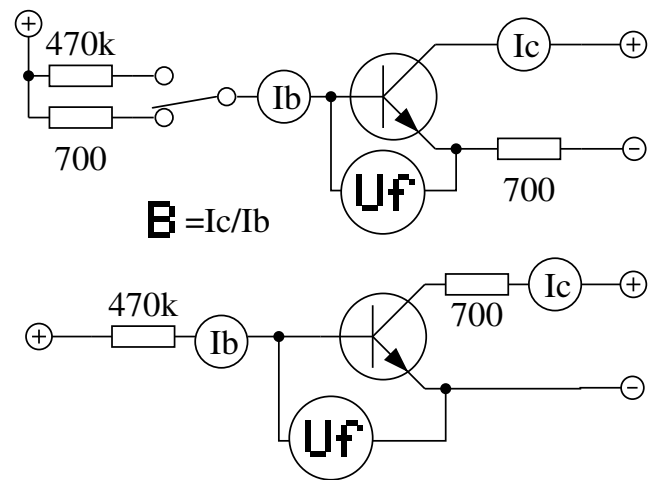


PNP 123=EBC  
 $B=185$   $U_f=607\text{mV}$



(a) PNP

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



(b) NPN

Abbildung 1.1. Bipolare Silizium Transistoren

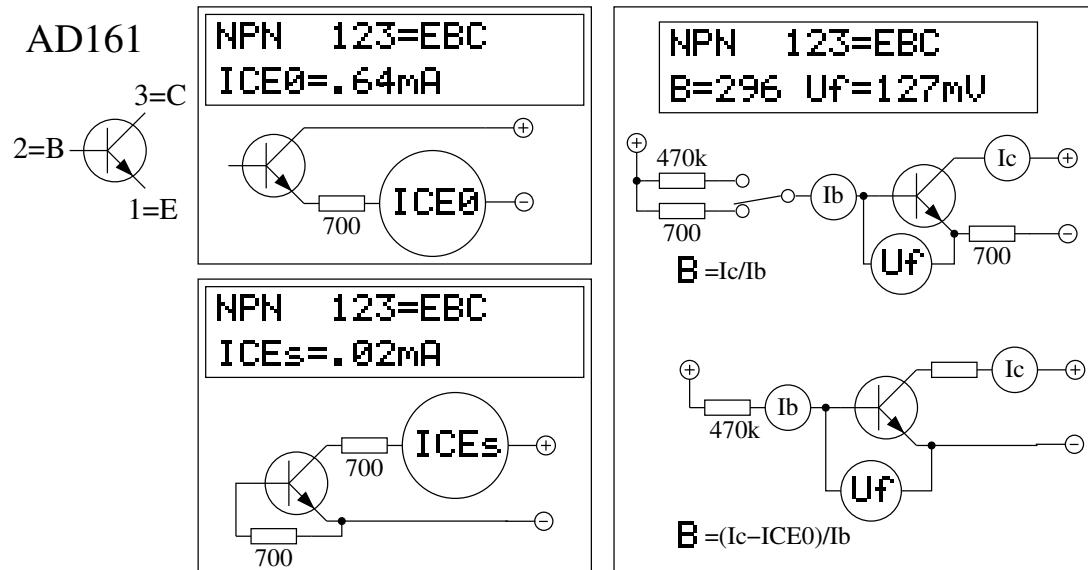


Abbildung 1.2. NPN-Germanium-Transistor

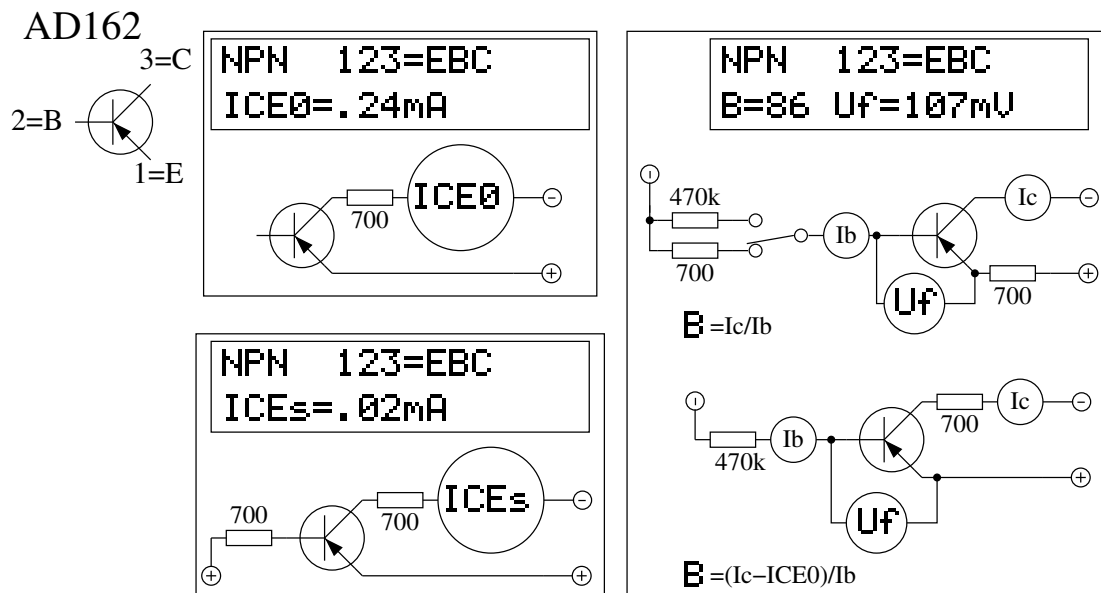
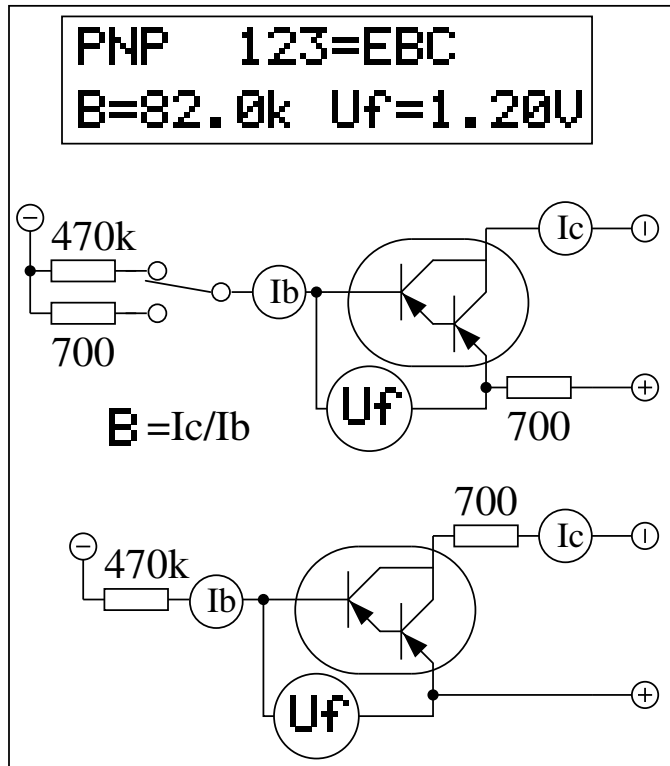
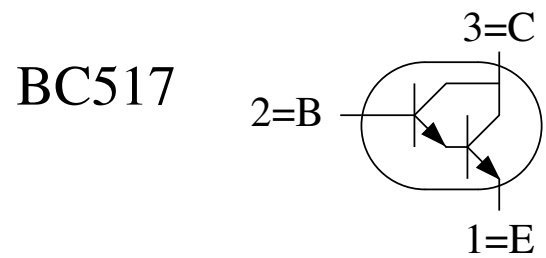
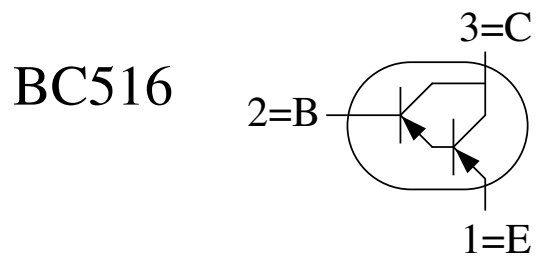
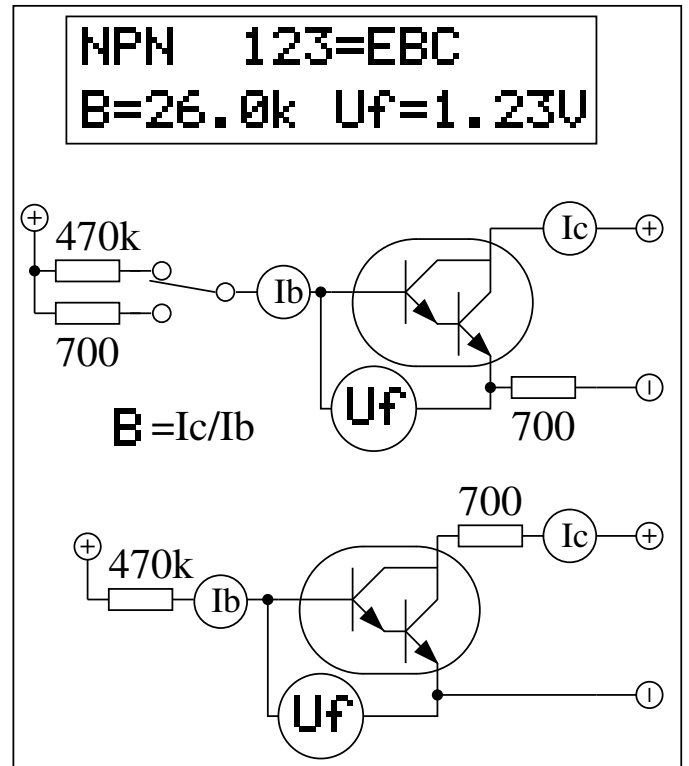


Abbildung 1.3. PNP-Germanium-Transistor



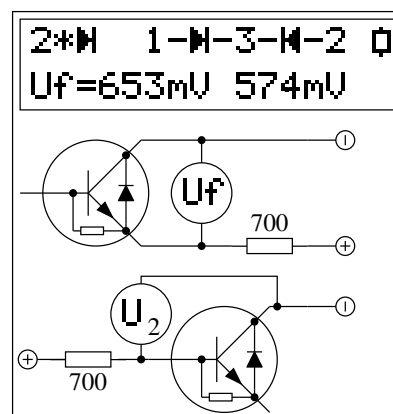
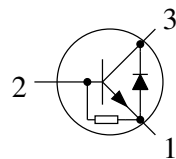
(a) PNP



(b) NPN

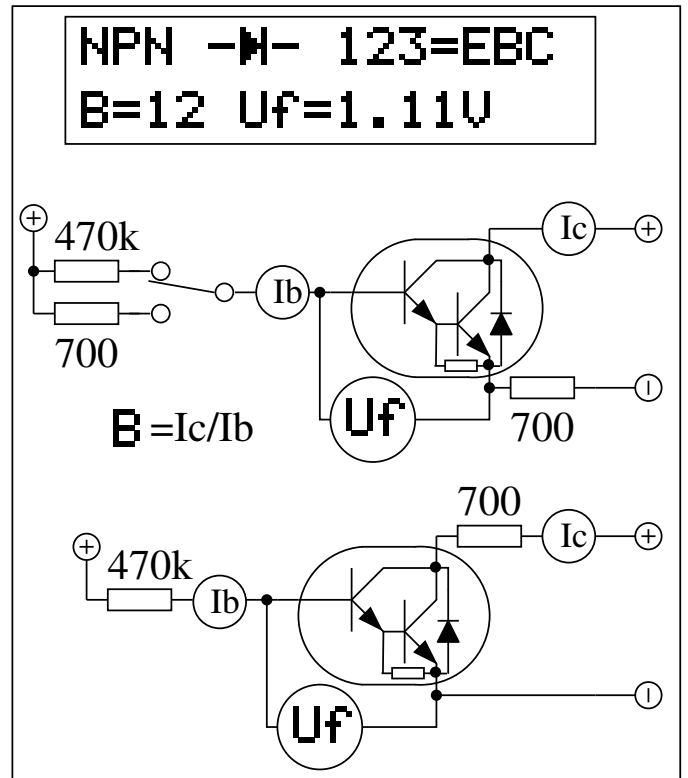
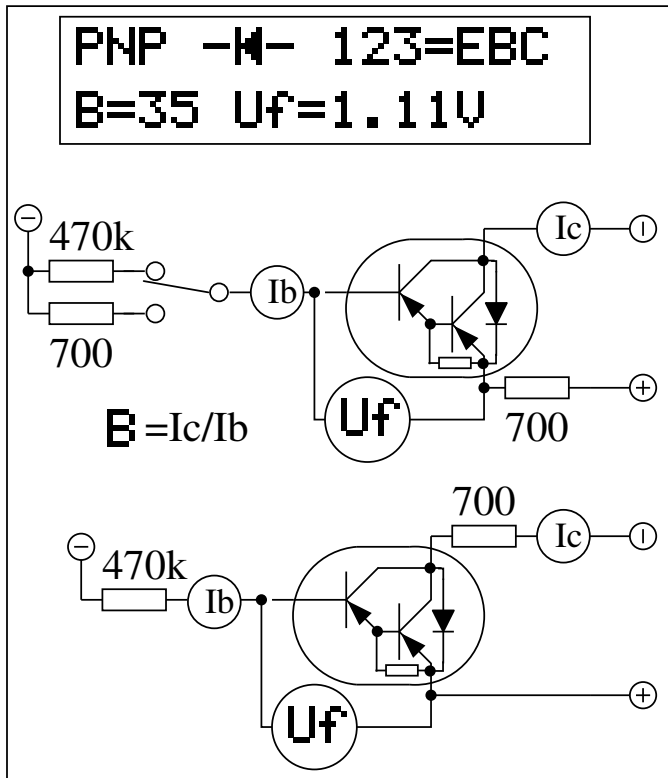
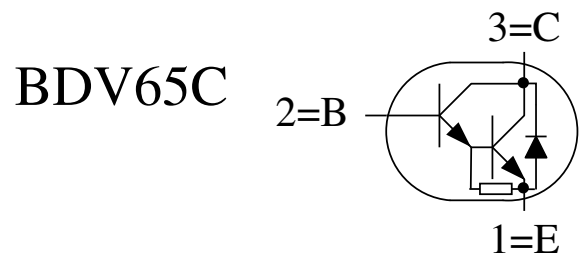
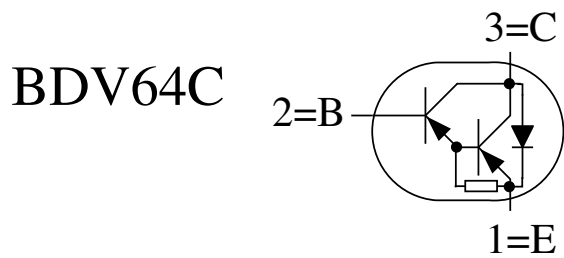
Abbildung 1.4. Silizium Darlington-Transistoren

BU508D



2\*N 1-C-2  
41.5Ω

Abbildung 1.5. NPN-Transistor mit Diode und Widerstand



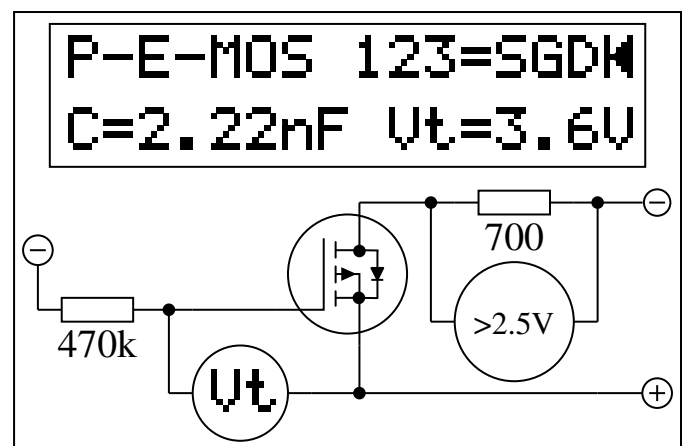
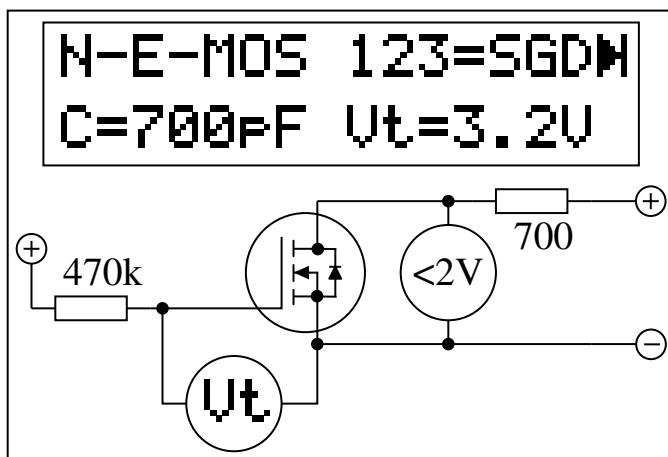
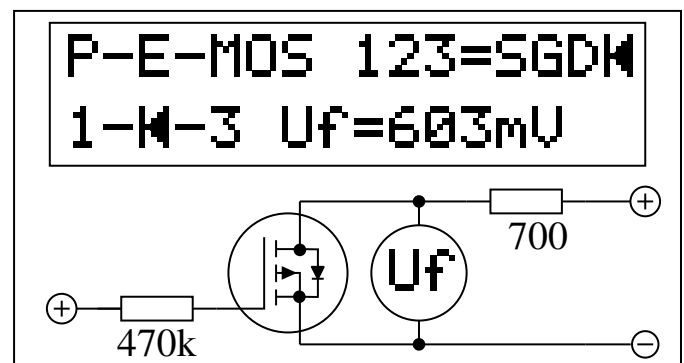
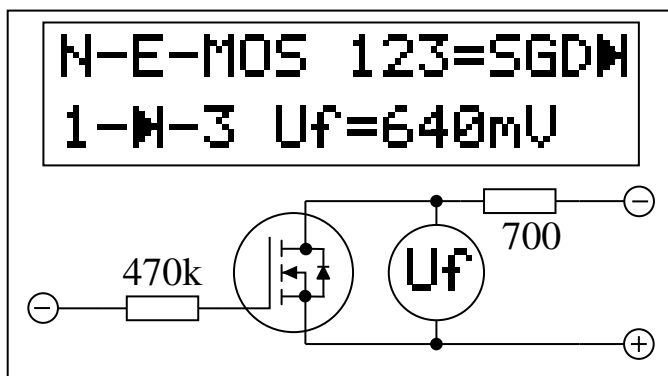
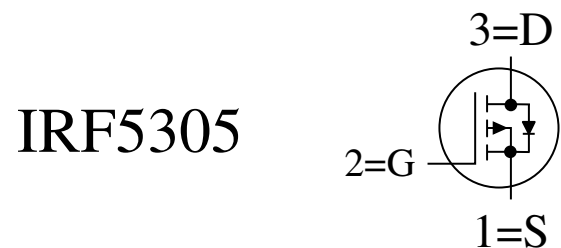
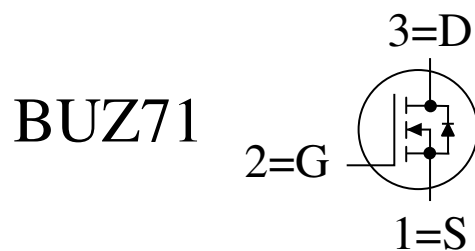
(a) PNP

(b) NPN

Abbildung 1.6. Silizium Darlington-Transistoren

# Kapitel 2

## Beschreibung der MOSFET-Messungen



(a) N-E-MOSFET

(b) P-E-MOSFET

Abbildung 2.1. Anreicherungs-MOSFETs

BSS169

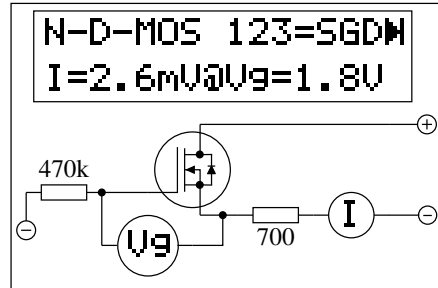
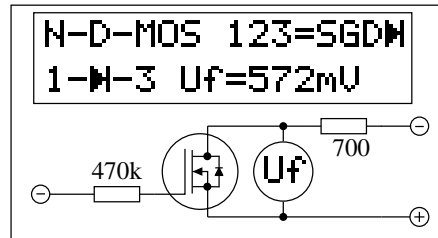
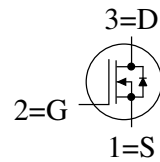
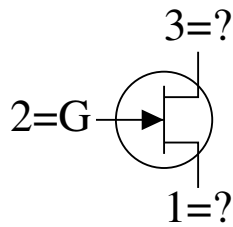
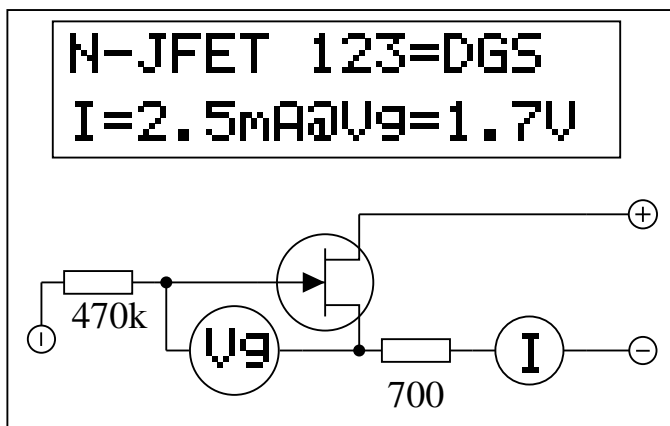
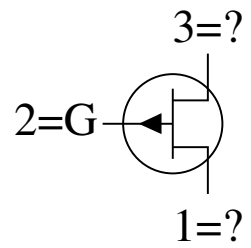


Abbildung 2.2. N-D-MOSFET

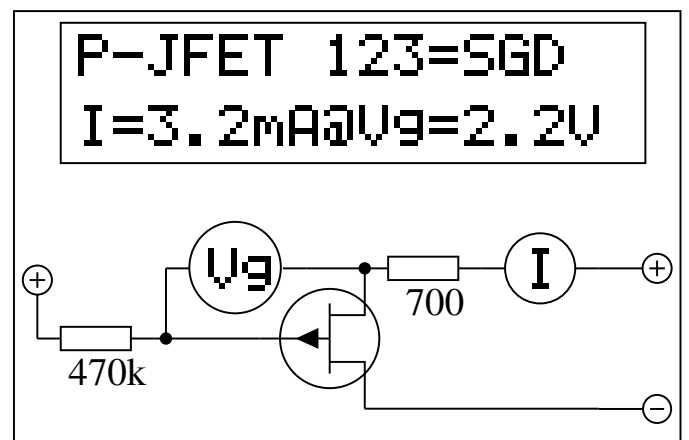
BF245



J175



(a) N-JFET



(b) P-JFET

Abbildung 2.3. JFETs



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