

Краткое описание процедур тестирования
используемых ТранзисторТестером
Version 1.11k

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Глава 1

Тестирование биполярных транзисторов

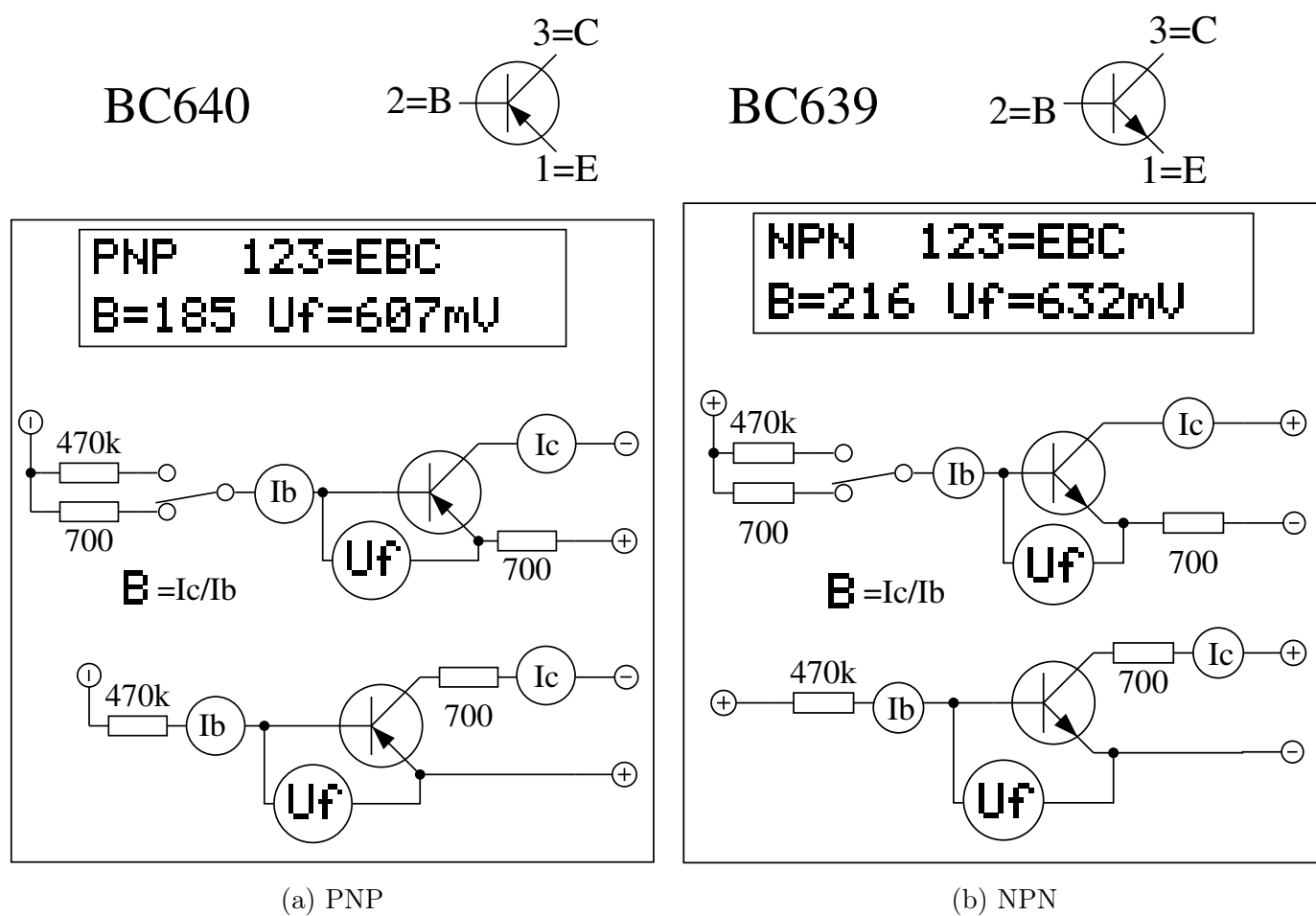


Рис. 1.1. Кремниевые биполярные транзисторы

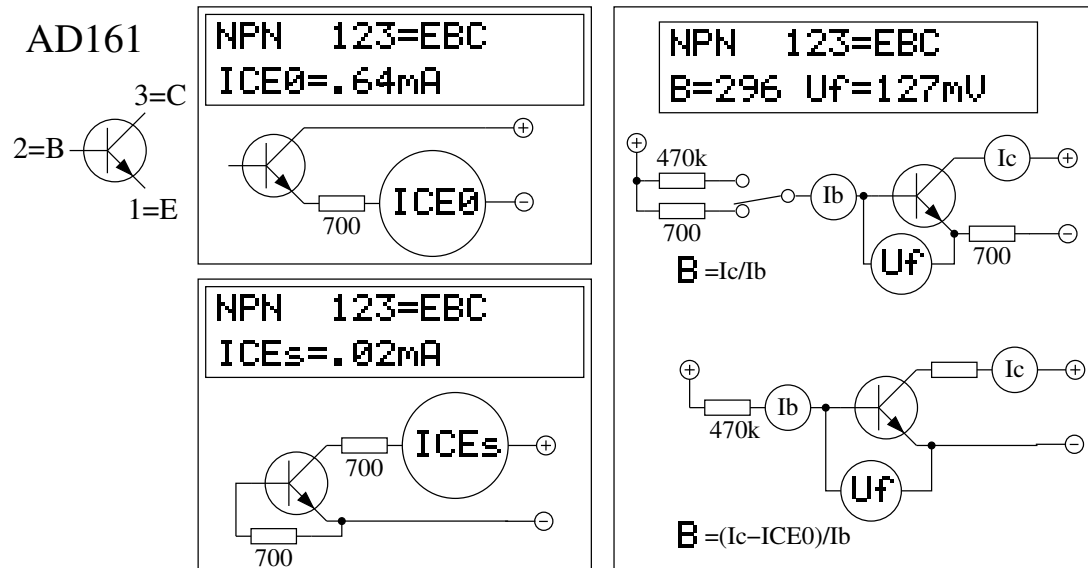


Рис. 1.2. Германиевые NPN-транзисторы

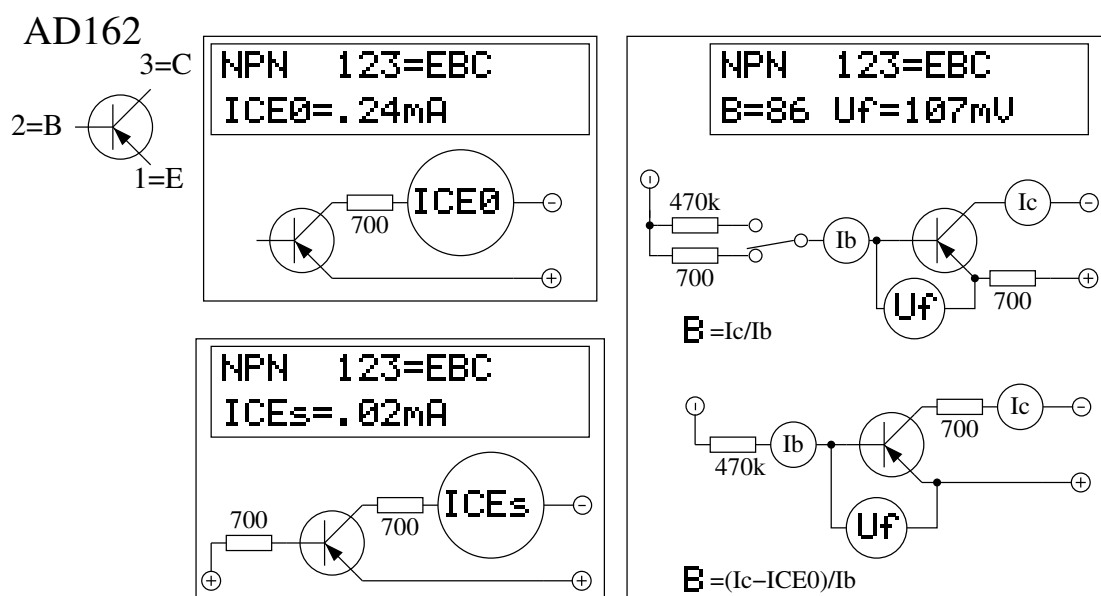
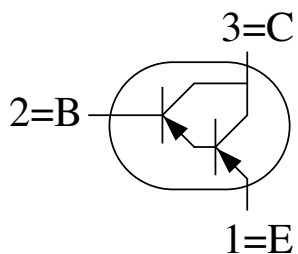
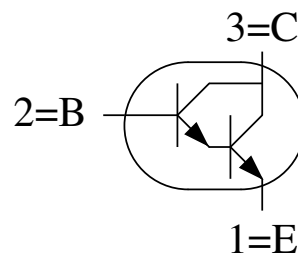


Рис. 1.3. Германиевые PNP-Транзисторы

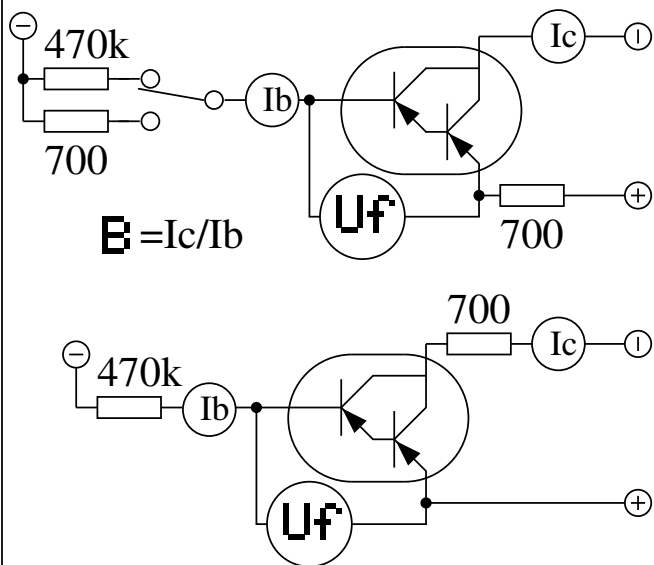
BC516



BC517

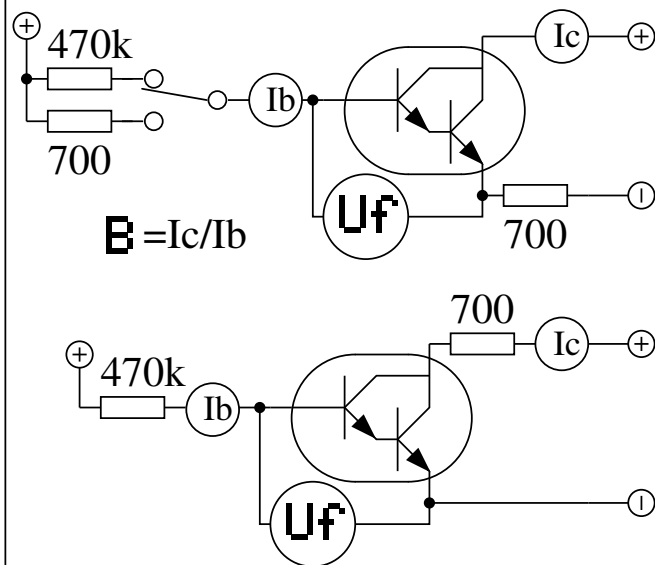


PNP 123=EBC
B=82.0k Uf=1.20V



(a) PNP

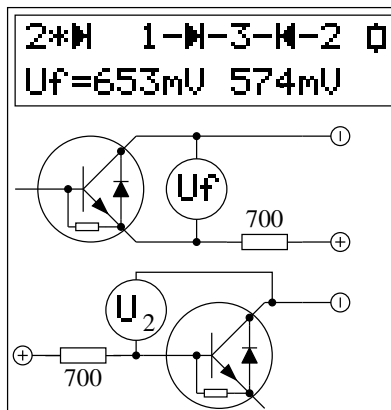
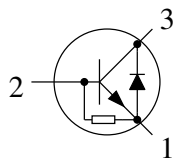
NPN 123=EBC
B=26.0k Uf=1.23V



(b) NPN

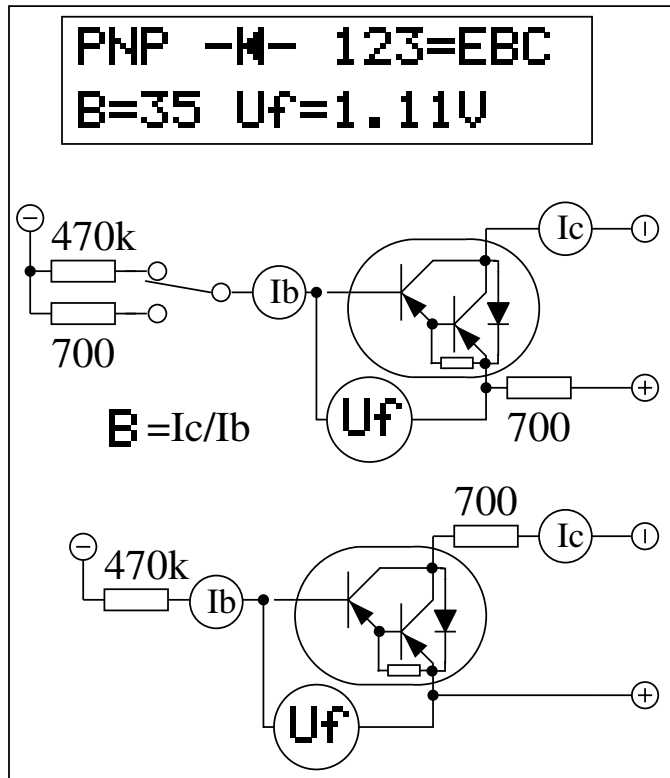
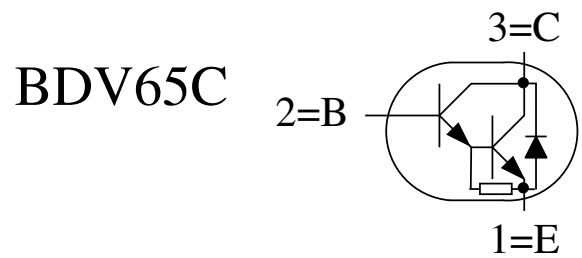
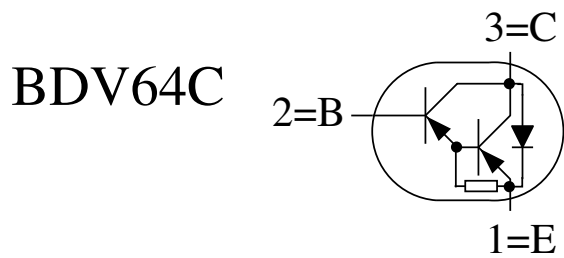
Рис. 1.4. Составные кремниевые транзисторы

BU508D

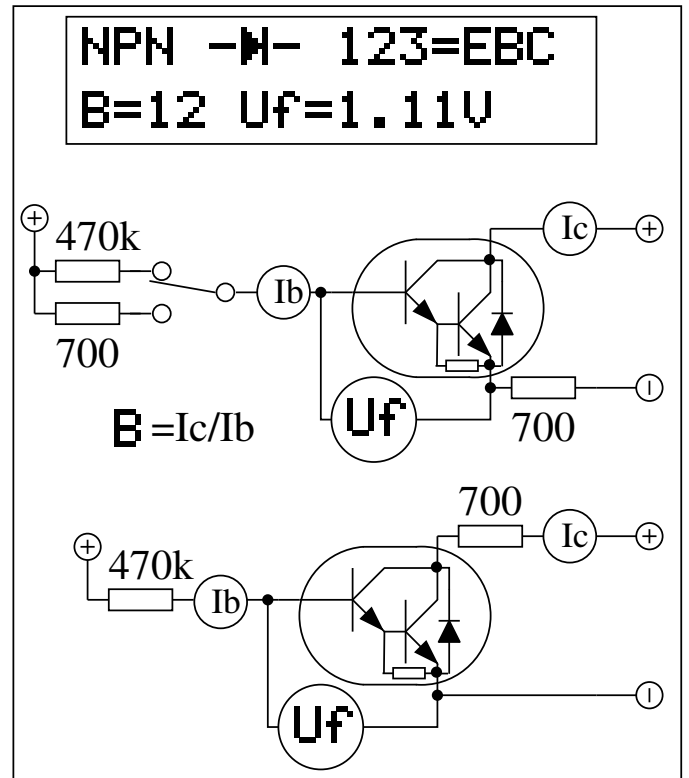


2*H 1-3-H-2
Uf=653mV 574mV
41.5Ω

Рис. 1.5. NPN транзисторы с диодом и резистором



(a) PNP



(b) NPN

Рис. 1.6. Составные кремниевые транзисторы

Глава 2

Тестирование полевых транзисторов

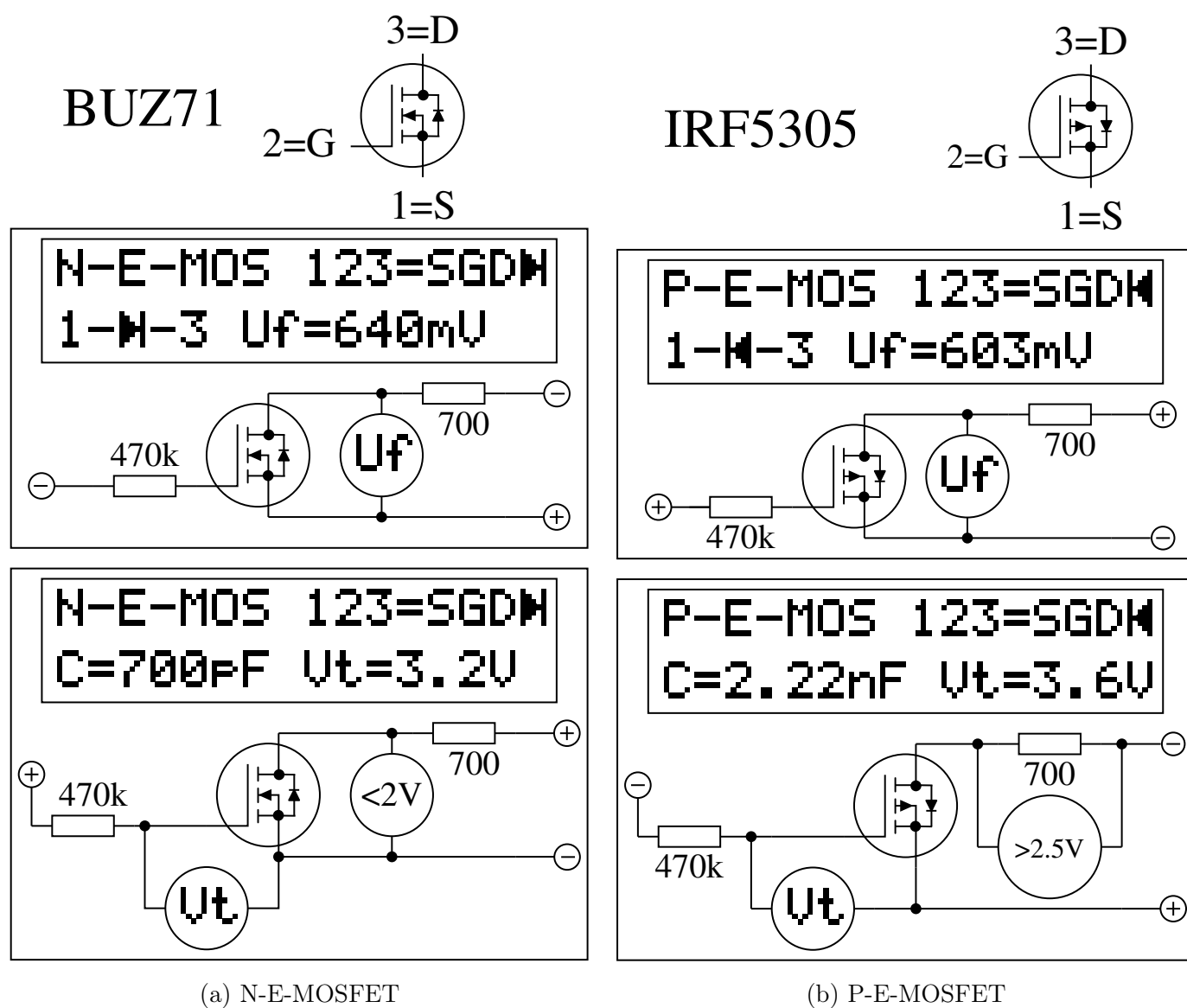


Рис. 2.1. Мощные MOSFET Транзисторы

BSS169

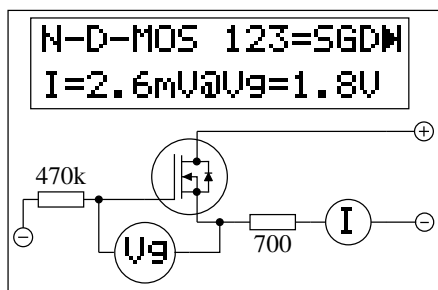
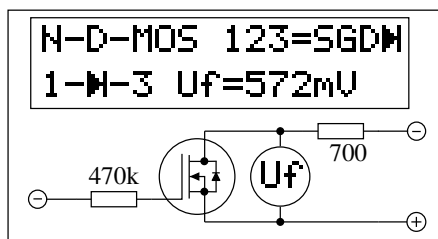
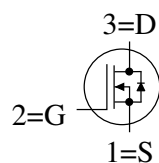
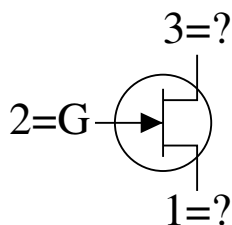
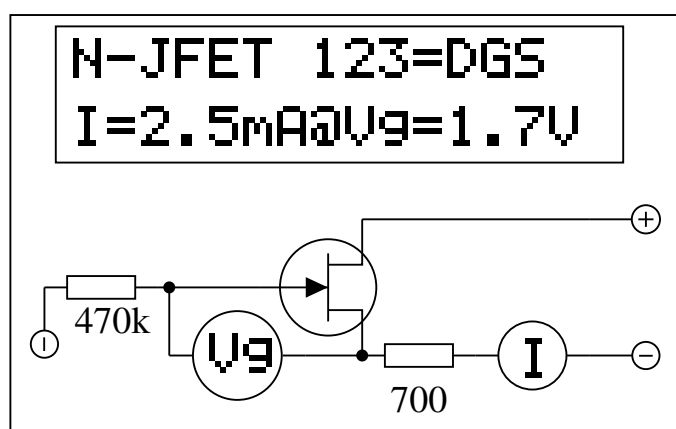
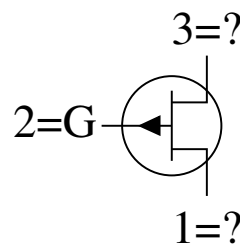


Рис. 2.2. N-D-MOSFET

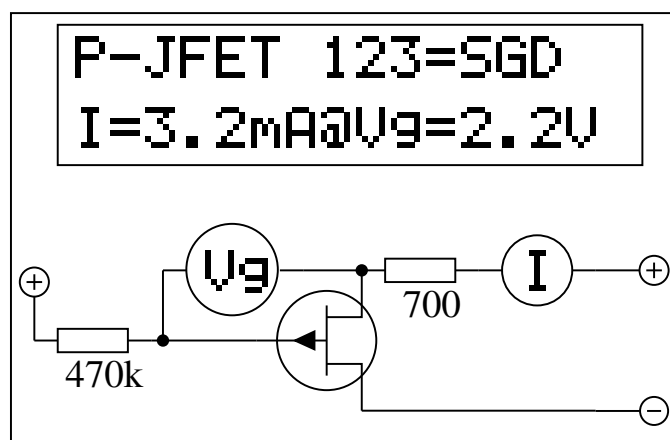
BF245



J175



(a) N-JFET



(b) P-JFET

Рис. 2.3. JFET транзисторы

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