Electronic Circuits

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Common FET Biasing Circuits

JFET Biasing Circuits

• Fixed – Bias • Self-Bias • Voltage-Divider Bias

D-Type MOSFET Biasing Circuits

•Self-Bias •Voltage-Divider Bias

E-Type MOSFET Biasing Circuits

•Feedback Configuration •Voltage-Divider Bias









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p-Channel FETs

For *p*-channel FETs the same calculations and graphs are used, except that the voltage polarities and current directions are reversed.

The graphs are mirror images of the *n*-channel graphs.

Applications

Voltage-controlled resistor JFET voltmeter Timer network Fiber optic circuitry MOSFET relay driver