

circuit-invader: circuits drawn with the \LaTeX 's circuitikz package

A collection

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1 Bipolar-based circuits

1.1 Common emitter

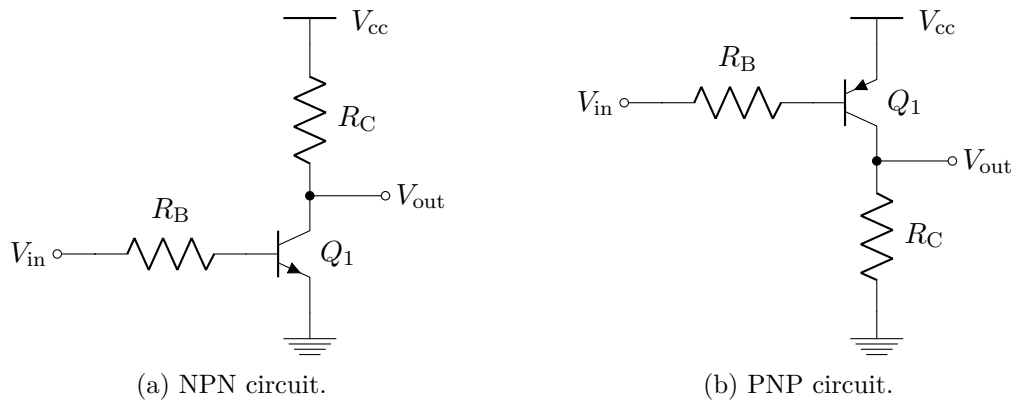


Figure 1.1: Common emitter bipolar transistor, with direct coupling at input.

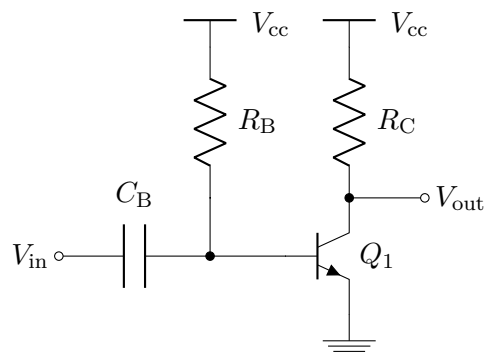


Figure 1.2: Common emitter bipolar NPN transistor polarized by current injection to the base, with capacitive coupling at input.

1.2 Common collector

1.3 Common base

1 Bipolar-based circuits

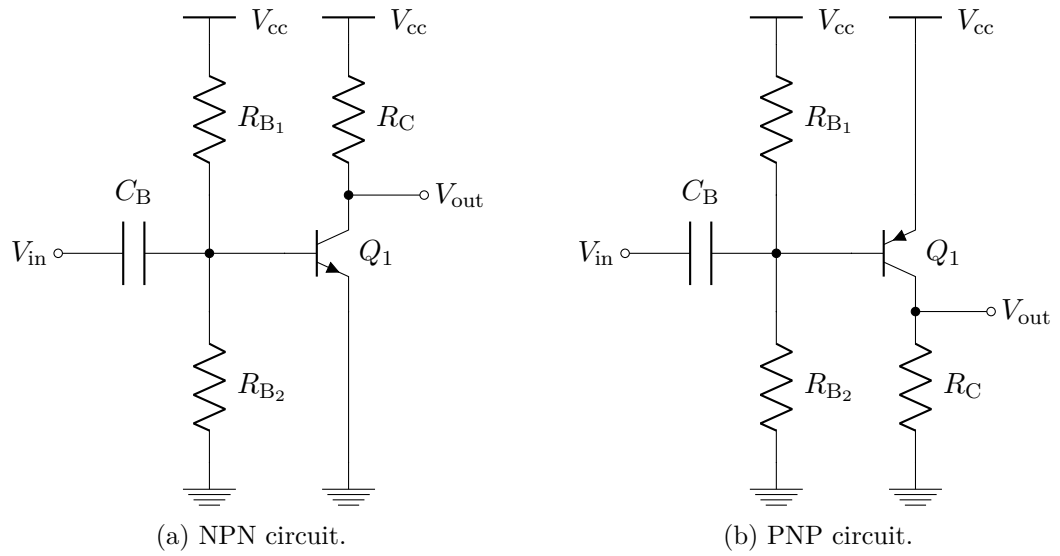


Figure 1.3: Common emitter bipolar transistor polarized by a resistive divider, with capacitive coupling at input.

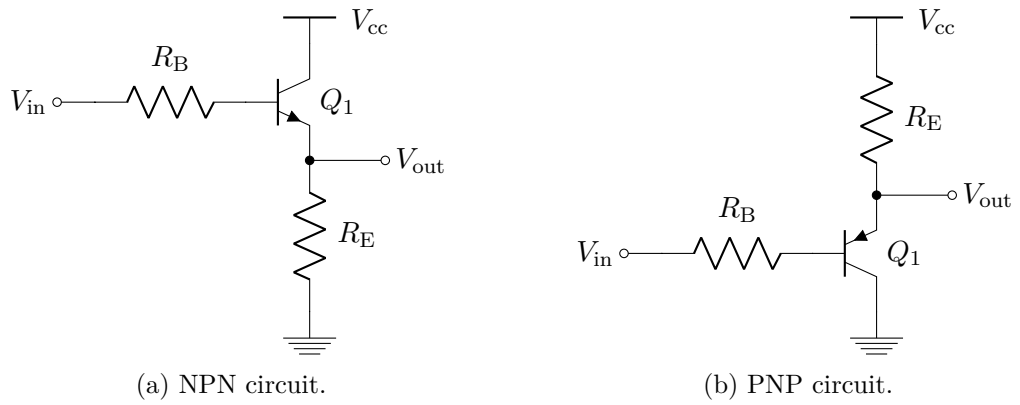


Figure 1.4: Common collector bipolar transistor, with direct coupling at input.

2 CMOS-based circuits

2.1 Common source

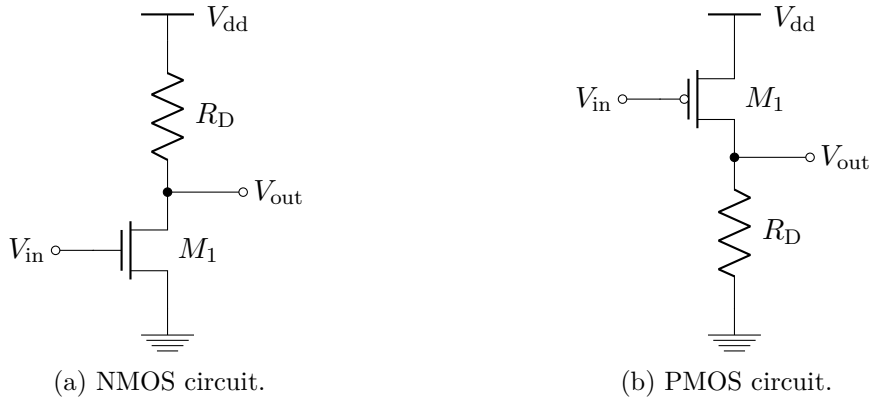


Figure 2.1: Common source CMOS transistor, with direct coupling at input.

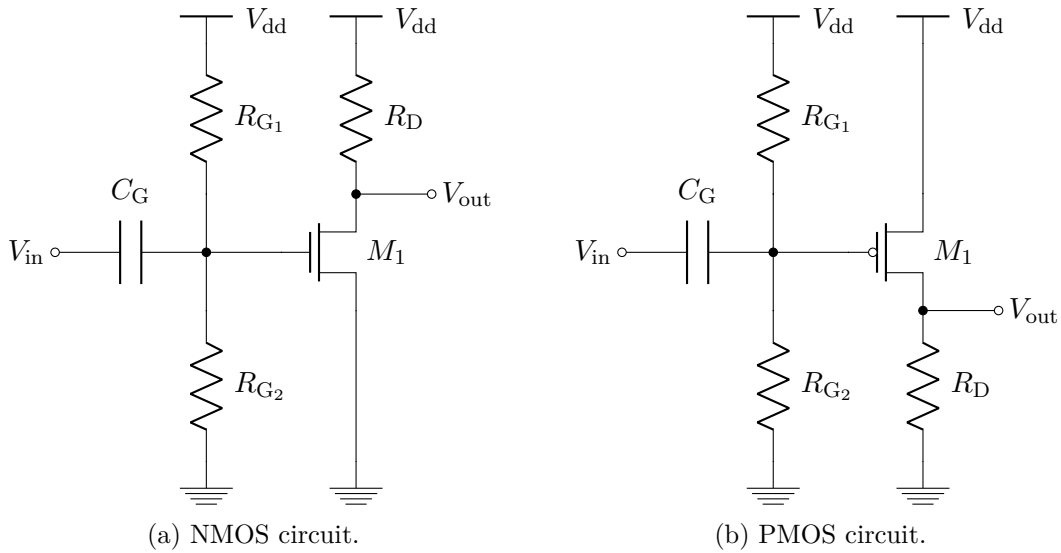


Figure 2.2: Common source CMOS transistor polarized by a resistive divider, with capacitive coupling at input.

2.2 Common drain

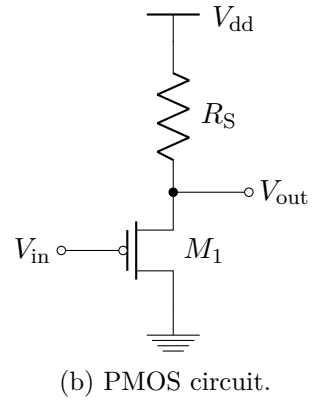
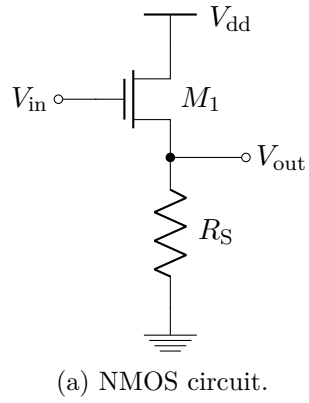


Figure 2.3: Common drain CMOS transistor, with direct coupling at input.

2.3 Common gate