








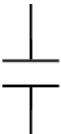





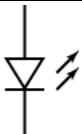







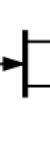


SYMB: Use the following symbols for electronic components on schematic diagrams.

Symbol	Component	Units	Typical Value	Image
	Voltage source	V	5 V	
	Dependent voltage source	V	$5 \cdot v_g$ or $1k\Omega \cdot i_x$	
	Current source	A	1 mA	
	Dependent current source	A	$1m\Omega^{-1} \cdot v_g$ or $100 \cdot i_b$	
	Resistor	Ω	1 k Ω	
	Capacitor	F	0.1 μ F	
	Inductor	H	100 mH	
	Diode	-	0.7 V drop, 1 A max	
	LED	-	2 V drop, 30 mA max	

	Reference	V	0 V	
	Switch	-	0Ω or $\infty \Omega$	
	Power Supply (V source)	-	15 VDC	
	Bipolar Transistor (n-p-n)	-	$\beta = 100$	
	FET (n-channel)	-	$R_{DS(on)} = 0.54 \text{ V}$	