









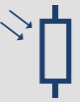







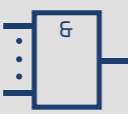
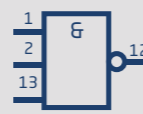









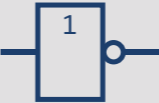
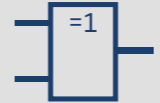








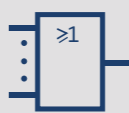
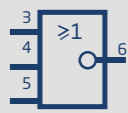
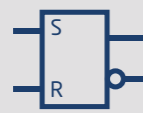













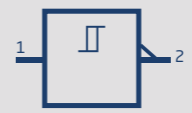



Electrical and Electronic Symbols

								
Battery of primary or secondary cells	Terminal	AC supply	Fuse	Loudspeaker	Microphone	Acoustic signalling device e.g. bell	Buzzer	Heating element
								
Lamp	Light dependent resistor	Photodiode	PNP transistor	Transformer with magnetic core	PNP phototransistor	Frame	T-connection	
								
Double junction of conductors	AND	NAND	Semiconductor diode	Light emitting diode	Breakdown diode, unidirectional	Breakdown diode, bidirectional	Earth	
								
Resistor	Resistor, adjustable	Operational amplifier	Antenna	Negator	EOR (Exclusive OR)	Switch, make contact	Break contact	
								
Relay coil	Make contact, automatic return	Triode thyristor	Capacitor	Polarised	Capacitor with pre-set adjustable Capacitor with pre-set adjustment	OR	OR with negated output (NOR)	
								
RS-bistable	Inductor with magnetic core	Machine *Fuction where:	G=Generator	M=Motor	Stepping motor	Oscilloscope	Ammeter	
								
Voltmeter	Galvanometer	Junction field effect transistor with P-type channel	Junction field effect transistor with N-type channel	Voltage department resistor	Potentiometer with movable contact	Bi-threshold detector with inverted output Alternative names: Schmitt-trigger inverter, Inverter with hysteresis	NPN transistor with collector connected to the envelope	