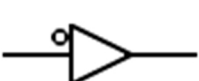


Digital electronics symbols / Logic gate symbols

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Logic gate symbols, ANSI system

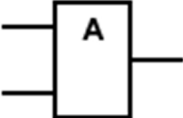
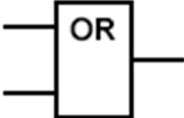
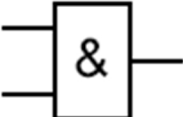
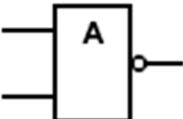
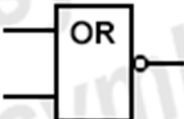
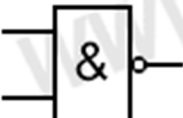
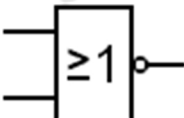
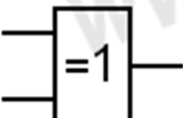
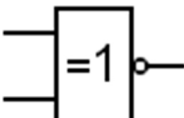
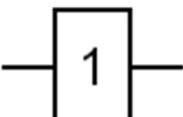
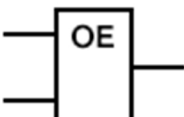
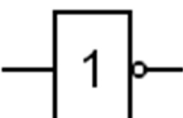
Symbols	Description	Symbols	Description
	Logic gate AND gate		Logic gate OR gate
	Logic gate NAND gate		Logic gate NOR gate
	NAND logic gate tri-state		Logic gate OR exclusive XOR gate
	Logic gate that functions AND and NAND		Logic gate NOR exclusive XNOR gate
	Logic gate that functions OR and NOR		Equivalent to logic gate XNOR
	Logic buffer		Logic inverter NOT
	Logic buffer tri-state		Logic buffer denied
	Differential		Logic driver

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Digital electronics symbols / Logic gate symbols

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Logic gate symbols, British system (BS 3939)

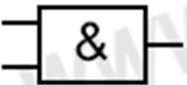
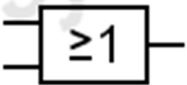
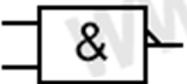
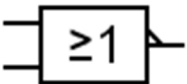
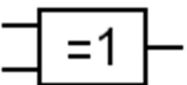
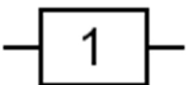
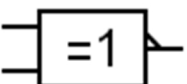
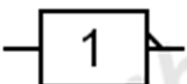
Symbols	Description	Symbols	Description
	Logic gate AND gate		Logic gate OR gate
	Logic gate AND gate		Logic gate OR gate
	Logic gate NAND gate		Logic gate NOR gate
	Logic gate NAND gate		Logic gate NOR gate
	Exclusive OR logic gate XOR gate		Exclusive NOR logic gate XNOR gate
	Buffer		Exclusive OR logic gate XOR gate
	Logic inverter NOT		Inverter Schmitt

More information about these and other symbols www.electronic-symbols.com

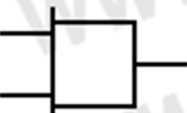
Digital electronics symbols / Logic gate symbols

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Logic gate symbols, IEC system

Symbols	Description	Symbols	Description
	Logic gate AND gate		Logic gate OR gate
	Logic gate NAND gate		Logic gate NOR gate
	Exclusive OR logic gate XOR gate		Buffer
	Exclusive NOR logic gate XNOR gate		Logic inverter NOT

Logic gate symbols, NEMA system

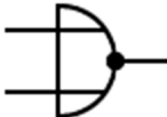
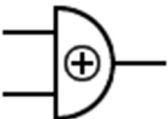
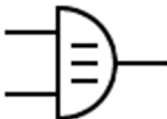
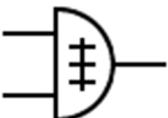
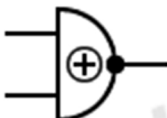
	Logic gate AND gate		Logic gate OR gate
	Logic gate NAND gate		Logic gate NOR gate
	Logic inverter NOT		Exclusive OR logic gate XOR gate

More information about these and other symbols www.electronic-symbols.com

Digital electronics symbols / Logic gate symbols

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Símbolos de puertas lógicas, Sistema DIN

Symbols	Description	Symbols	Description
	Logic gate AND gate		Logic gate OR gate
	Logic gate NAND gate		Logic gate NOR gate
	Logic gate XOR		Logic gate XNOR
	Logic gate XOR		Logic gate XNOR
	Logic inverter Buffer		Logic inverter NOT gate

More information about these and other symbols www.electronic-symbols.com

Digital electronics symbols / Logic gate symbols

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Símbolos de básculas lógicas, biestables / Flip-Flop

Symbols	Description	Symbols	Description
	SR Flip-Flop NAND asynchronous		SR Flip-Flop NOR asynchronous
	SR Flip-Flop NAND latch, asynchronous		SR Flip-Flop NOR asynchronous
	SR Flip-Flop SR synchronous		SR Flip-Flop SR latch, synchronous
	SR Flip-Flop Set Reset		SR Flip-Flop Set Reset
	JK Flip-Flop master / slave Activated by high level		JK Flip-Flop master / slave Activated by low level
	JK Flip-Flop Activated by the rising edge		JK Flip-Flop Activated by the falling edge
	JK Flip-Flop Activated by the falling edge		JK Flip-Flop Generic symbol
	D Flip-Flop Generic symbol		D Flip-Flop
	D Flip-Flop Active for level		D Flip-Flop Active Edge

More information about these and other symbols www.electronic-symbols.com

Digital electronics symbols / Logic gate symbols

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Flip-Flop symbols

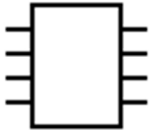
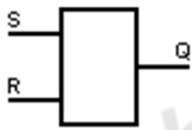
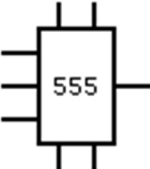
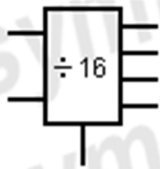
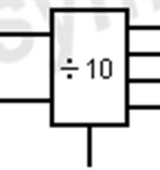
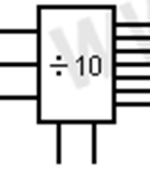
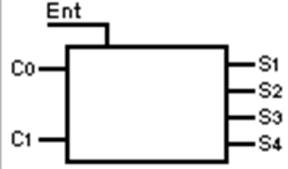
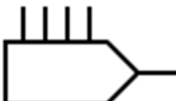
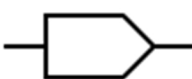
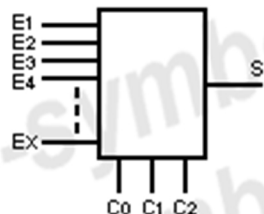
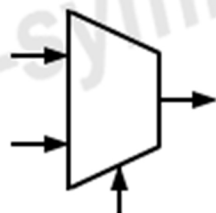
Symbols	Description	Symbols	Description
	D Flip-Flop Data / Delay		D Flip-Flop Data / Delay
	T Flip-Flop Toggle		T Flip-Flop Toggle
	T Flip-Flop Generic symbol		

More information about these and other symbols www.electronic-symbols.com

Digital electronics symbols / Logic gate symbols

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Electronic logic circuit symbols

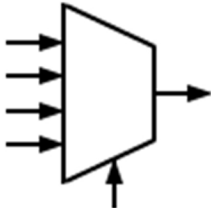
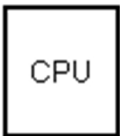
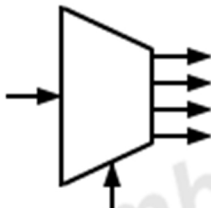
Symbols	Description	Symbols	Description
	Integrated circuit / IC Chip logic		Memory generic symbol
	555 timer-chrono		4 bit binary counter
	7-segment decoder		Decadic decimal coded binary counter, BCD
	Decádico counter with 10 outputs encoded		Decoder 1 to 4
	DAC Analog to digital converter		DAC Analog to digital converter
	ADC Digital to Analog Converter		Multiplexer
	Logic adder		Multiplexer, 2 in 1 out

More information about these and other symbols www.electronic-symbols.com

Digital electronics symbols / Logic gate symbols

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Electronic logic circuit symbols

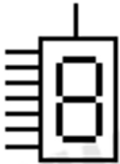
Symbols	Description	Symbols	Description
	Semi-adder		Multiplexer, 4 inputs 1 output
	Central Processing Unit CPU		1 input 4-output demultiplexer

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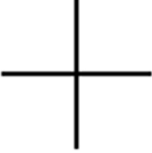
Digital electronics symbols / Logic gate symbols

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Display symbols

Symbols	Description	Symbols	Description
	Display 7-segment LED		Alphanumeric indicator LED 5x7 Sample letters A
	16-segment alphanumeric display		

Symbols programming conventions

	Programmable connection intact		Fixed connection
	No connection		

More information about these and other symbols www.electronic-symbols.com