

74HC Series Logic IC Specification List

Product	Type
74HC00	Quad 2 Input NAND Gate
74HC02	Quad 2 Input NOR Gate
74HC03	Quad 2 Input NAND Gate
74HC04	Hex Inverter
74HC05	Hex Inverter
74HC08	Quad 2 Input AND Gate
74HC10	Triple 3 Input NAND Gate
74HC11	Triple 3 Input AND Gate
74HC14	Hex Schmitt Trigger Inverter
74HC20	Dual 4 Input NAND Gate
74HC21	Dual 4 Input AND Gate
74HC27	Triple 3 Input NOR Gate
74HC30	8 Input NAND Gate
74HC32	Quad 2 Input OR Gate
74HC74	Dual D Type Flip Flop
74HC85	4 Bit Magnitude Comparator
74HC86	Quad 2 Input OR Gate
74HC107	Dual J-K Flip Flop
74HC109	Dual J-K Flip Flop
74HC112	Dual J-K Flip Flop
74HC123	Dual Monostable Multivibrator
74HC125	Quad Buffer
74HC132	Quad 2 Input NAND Gate
74HC137	3 to 8 Line Decoder/Demultiplexer
74HC138	3 to 8 Line Decoder/Demultiplexer
74HC139	Dual 2 to 4 Line Decoder/Demultiplexer
74HC147	10 to 4 Priority Encoder
74HC148	8 to 3 Line Priority Encoder
74HC151	8 Input Multiplexer
74HC153	Dual 4 to 1 Line Selector/Multiplexer
74HC154	4 to 16 Line Decoder/Demultiplexer
74HC157	Quad 2 Input Multiplexer
74HC160	4 Bit Decade and Binary Counter
74HC161	Presetable Counters
74HC165	8 Bit Parallel In / Serial Out Shift Register
74HC174	Hex D Type Flip Flop
74HC175	Quad D Type Flip Flop
74HC190	Synchronous Up/Down Counters
74HC192	Presetable Synchronous 4 Bit Up/Down Counters
74HC193	Presetable Synchronous 4 Bit Up/Down Counters
74HC194	4 Bit Bidirectional Shift Register
74HC238	3 to 10 Line Decoder/Demultiplexer
74HC240	Octal Buffer/Line Driver
74HC244	Octal Buffer/Line Driver

74HC245	Octal Bus Transceiver
74HC253	Dual 4 Input Multiplexer
74HC259	8 Bit Addressable Latch
74HC266	Quad 2 Input NOR Gate
74HC283	4 Bit Binary Full Adder
74HC299	8 Bit Universal Shift Register
74HC373	Octal Transparent D Type Latch
74HC374	Octal D Type Flip Flop
74HC540	Octal Buffer and Line Driver
74HC541	Octal Buffer and Line Driver
74HC574	Octal D Type Flip Flop
74HC595	8 Bit Shift Register
74HC688	8 Bit Magnitude Comparator
74HC4017	Decade Counter
74HC4040	12 Stage Binary Counter
74HC4053	Analog Multiplexer/Demultiplexer
74HC4060	14 Stage Binary Counter
74HC4066	Quad Bilateral Switch
74HC4316	Quad Analog Switch
74HC4511	BCD to 7 Segment Decoder/Driver
74HC4538	Dual Retriggerable Monostable Multivibrator
74HCT00	Quad 2 Input NAND Gate
74HCT02	Quad 2 Input NOR Gate
74HCT04	Hex Inverter
74HCT08	Quad 2 Input AND Gate
74HCT32	Quad 2 Input NAND Gate
74HCT86	Quad 2 Input OR Gate
74HCT112	Dual J-K Flip Flop

74LS Series Logic IC Specification List

Product	Type
74LS00	Quad 2 Input Positive NAND Gate
74LS02	Quad 2 Input Positive NOR Gate
74LS03	Quad 2 Input Positive NAND Gate
74LS04	Hex Inverter
74LS05	Hex Inverter
74LS06	Hex Inverter/Buffer
74LS07	Hex Buffer
74LS08	Quad 2 Input Positive AND Gate
74LS09	Quad 2 Input Positive AND Gate
74LS10	Triple 3 Input NAND Gate
74LS11	Triple 3 Input AND Gate
74LS14	Hex Schmitt Trigger Inverter
74LS20	Dual 4 Input NAND Gate
74LS21	Dual 4 Input NAND Gate
74LS27	Triple 3 Input NOR Gate
74LS30	8 Input NAND Gate
74LS32	Quad 2 Input OR Gate
74LS42	4 BCD to 10 Decimal Decoder

74LS47	BCD to 7 Segment Decoder/Driver
74LS74	Dual D Type Flip Flop
74LS75	4 Bit Bistable Latch
74LS83	4 Bit Binary Adder
74LS85	4 Bit Magnitude Comparator
74LS86	Quad 2 Input OR Gate
74LS90	Decade Counter
74LS92	Divide by Twelve Counter
74LS93	4 Bit Binary Counter
74LS107	Dual J-K Flip Flop
74LS112	Dual J-K Negative Trigger Flip Flop
74LS125	Quad Bus Buffer
74LS126	Quad Bus Buffer
74LS132	Quad 2 Input NAND Schmitt Trigger
74LS138	3 to 8 Line Decoder/Demultiplexer
74LS145	BCD to Decimal Decoder/Driver
74LS148	8 to 3 Binary Priority Encoder
74LS151	Data Selector/Multiplexer
74LS153	Dual 4 to 1 Data Selector/Multiplexer
74LS166	Parallel 8 Bit Shift Register
74LS169	4 Bit Up/Down Counter
74LS174	Hex D Type Flip Flop
74LS175	Quad D Type Flip Flop
74LS191	Up/Down Counter with Control
74LS193	4 Bit Up/Down Counter
74LS240	Octal Buffer Line Driver
74LS241	Octal Bus Line Driver
74LS243	Quad Bus Transceiver
74LS244	Octal Tri-State Driver
74LS251	Data Selector/Multiplexer
74LS257	Quad 2 to 1 Data Selector/Multiplexer
74LS259	8 Bit Addressable Latch
74LS266	Quad 2 Input NOR Gate
74LS273	Octal D Type Flip Flop
74LS279	Quad S-R Latch
74LS367	Hex Bus Driver
74LS374	Octal D Type Flip Flop
74LS377	Octal D Type Shift Register
74LS393	Dual 4 Bit Decade & Binary Counter

CD4000 Series Logic IC Specification List

Product	Type
CD4001	Quad 2 Input NOR Gate
CD4002	Dual 4 Input NOR Gate
CD4007	Dual Complementary Pair
CD4009	Hex Buffer/Inverter
CD4010	Hex Buffer/Inverter
CD4011	Quad 2 Input NAND Gate
CD4012	Dual 4 Input NAND Gate

CD4013	Dual D-Type Flip Flop
CD4014	8 Stage Static Shift Register
CD4015	Dual 4 Stage Static Shift Register
CD4017	Decade Counter/Divider
CD4018	Presettable Divide by N-Counter
CD4019	Quad AND/OR Gate
CD4021	8 Stage Static Shift Register
CD4022	Octal Counter
CD4026	Decade Counter/Divider
CD4027	Dual J-K Flip Flop
CD4028	BCD to Decimal Decoder
CD4029	Presettable Up/Down Counter
CD4033	Decade Counter/Divider
CD4034	8 Stage Static Parallel to Serial Bus Register
CD4035	4 Stage Parallel In/Out Shift Register
CD4040	Binary Counter/Divider
CD4042	Quad Clocked D-Latch
CD4043	Quad NOR R/S Latch
CD4046	Micropower Phase Lock Loop
CD4047	Low Power Monostable Multivibrator
CD4048	Multifunctional 8 Input Gate
CD4049	Hex Buffer/Inverter
CD4050	Hex Buffer/Inverter
CD4051	8 Channel Multiplexer
CD4052	4 Channel Multiplexer
CD4053	Triple 2 Channel Multiplexer
CD4054	4 Segment Display Driver
CD4060	Binary Counter/Divider with Oscillator
CD4063	4 Bit Magnitude Comparator
CD4066	Quad Bi-Lateral Switch
CD4067	Analog Multiplexer/Demultiplexer
CD4068	8 Input NAND/AND Gate
CD4069	Hex Inverter
CD4070	Quad Exclusive OR and NOR Gate
CD4071	Quad 2 Input OR Gate
CD4072	Dual 4 Input OR Gate
CD4073	Triple 3 Input AND Gate
CD4075	Triple 3 Input OR Gate
CD4076	4 Bit D-Type Register
CD4078	8 Input NOR/OR Gate
CD4081	Quad 2 Input AND Gate
CD4082	Dual 4 Input AND Gate
CD4085	Dual 2 Input AND-OR-Invert Gate
CD4093	Quad 2 Input NAND Schmitt Trigger
CD4098	Dual Monostable Multivibrator
CD4099	8 Bit Addressable Latch
CD40105	4 Bit x 16 Words FIFO Register
CD40106	Hex Schmitt Trigger
CD40107	Dual 2 Input NAND Buffer/Driver
CD40110	Decade Up/Down Counter

CD40161	Synchronous Programmable 4 Bit Counter
CD40174	Hex D-Type Flip Flop
CD40192	Presetable Up/Down Counter
CD40193	Presetable Up/Down Counter
CD40194	4 Bit Bi-Directional Universal Shift Register

CD4500 Series Logic IC Specification List

Product	Type
CD4502	Strobed Hex Buffer/Inverter
CD4503	Hex Buffer
CD4504	Hex Voltage Level Shifter
CD4511	BCD to 7 Segment Latch Decoder Driver
CD4512	8 Channel Data Selector
CD4516	Presetable Up/Down Counter
CD4518	Dual BCD Up Counter
CD4520	Dual Binary Up Counter
CD4532	8 Bit Priority Encoder
CD4541	Programmable Timer
CD4543	BCD to 7 Segment Latch Driver
CD4555	Dual Binary to 1 to 4 Decoder/Demultiplexer
CD4556	Dual Binary to 1 to 4 Decoder/Demultiplexer
CD4572	Hex Gate
CD4585	4 Bit Magnitude Comparator