

**BELS Digital IC Report**

<i>PartName</i>	<i>Package Type</i>	<i>Location</i>	<i>BELS ID #</i>	<i>Unit Price</i>
<b>Type CMOS</b>				
74HC00, Quad 2-Input NAND Gate	DIP-14	3 - A	500	0.24
74HCT00, Quad 2-Input NAND Gate	DIP-14	3 - A	501	0.36
74HC02, Quad 2 Input NOR	DIP-14	3 - A	417	0.24
74HC04, Hex Inverter, buffered	DIP-14	3 - A	418	0.24
74HC04, Hex Inverter (buffered)	DIP-14	3 - A	511	0.24
74HCT04, Hex Inverter (Open Collector)	DIP-14	3 - A	512	0.36
74HC08, Quad 2 Input AND Gate	DIP-14	3 - A	408	0.24
74HC10, Triple 3-Input NAND	DIP-14	3 - A	419	0.31
74HC32, Quad OR	DIP-14	3 - B	409	0.24
74HC32, Quad 2-Input OR Gates	DIP-14	3 - B	543	0.24
74HC138, 3-line to 8-line decoder / demultiplexer	DIP-16	3 - C	603	1.05
74HCT139, Dual 2-line to 4-line decoders / demultiplexers	DIP-16	3 - C	605	0.86
74HC154, 4-16 line decoder/demultiplexer, 0.3 wide	DIP - Small	none	445	1.49
74HC154W, 4-16 line decoder/demultiplexer, 0.6wide	DIP	none	446	1.86
74HC190, Synchronous 4-Bit Up/Down Decade and Binary Counters	DIP-16	3 - D	637	
74HCT240, Octal Buffers and Line Drivers w/ 3-State outputs	DIP-20	3 - D	643	1.04
74HC244, Octal Buffers And Line Drivers w/ 3-State outputs	DIP-20	3 - D	647	1.43
74HCT245, Octal Bus Transceivers w/ 3-State outputs	DIP-20	3 - D	649	1.13
74HCT273, Octal D-Type Flip-Flops w/ Clear	DIP-20	3 - D	658	1.35
74HCT373, Octal Transparent D-Type Latches w/ 3-State outputs	DIP-20	3 - E	666	1.35
74HCT377, Octal D-Type Flip-Flops w/ Clock Enable	DIP-20	3 - E	669	1.50
74HCT573, Octal Transparent D-Type Latches w/ 3-State outputs	DIP-20	3 - E	674	0.88
<b>Type CMOS CD4000 Series</b>				
CD4001, Quad 2-input NOR	DIP-14	3 - F	711	0.40
CD4011, Quad 2-Input NAND gate	DIP-14	3 - F	730	0.40
CD4013, Dual D Flip-Flop with set/reset	DIP-14	3 - F	729	0.40
CD4015, Dual 4-Stage Static Shift Register	DIP-16	3 - F	713	0.40
CD4016, Quad Bilateral Switch	DIP-14	3 - F	714	0.40
CD4017, Decade Counter/Divider	DIP-16	3 - F	715	0.40
CD4020, 14-Stage Binary Ripple Counter	DIP-16	3 - F	716	0.55
CD4023, Triple 3-Input NAND Gates	DIP-14	3 - F	717	0.40
CD4024, 7-Stage Binary Counter	DIP-14	3 - F	718	0.40
CD4027, Dual JK Master-Slave flip-flop	DIP-16	3 - F	719	0.40
CD4040, 12-Stage Binary Ripple Counter	DIP-16	3 - F	720	0.55
CD4046, Micropower Phase-Locked Loop (PLL)	DIP-16	3 - F	721	0.60
CD4049, Hex Buffer Converter (inverting)	DIP-16	3 - F	731	0.40
CD4050, Hex Buffer Converter (N-inverting)	DIP-16	3 - F	722	0.25
CD4051, Single 8-Channel Multi/demultiplexer	DIP-16	3 - F	723	0.55
CD4066, Quad Bilateral Switch	DIP-14	3 - F	732	0.40
CD4069, Hex Inverter (74C04)	DIP-14	3 - F	710	0.40
CD4070, Quad Exclusive-OR gate (74C86)	DIP-14	3 - F	725	0.40
CD4071, Quad 2-Input OR Gate	DIP-14	3 - F	726	0.40
CD4081, Quad 2-Input AND Gate	DIP-14	3 - F	727	0.40

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CD4093, Quad 2-Input NAND Schmitt Trigger	DIP-14	3 - F	728	0.40
CD4511, BCD to 7-Segment Latch/decoder/driver	DIP-16	3 - F	733	0.75
CD4543, BCD to 7-segment decoder (LCD)	DIP-16	3 - F	735	0.75
CD4538, Dual precision monostable multivibrator	DIP-16	3 - F	734	0.65
CD4584, Hex Schmitt Trigger (74C14) 40106	DIP-14	3 - F	724	0.40
<b>Type</b> <b>EEPROM</b>				
AM27C512, EEPROM, 64Kx8, 5V Logic	DIP-28		955	5.06
<b>Type</b> <b>Flash Memory</b>				
29F010B-xxxPx, Memory, EEPROM, 5V Flash, 128Kx8	DIP		919	6.31
29F010B-xxxJx, Memory, EEPROM, 5V Flash, 128Kx8	PLCC		920	4.00
28F010x-xxxPx, Memory, EEPROM, 12V Flash, 128Kx8 (Obsolete)	DIP	3B	921	12.00
<b>Type</b> <b>Processor</b>				
MC6803E, 8-Bit Microprocessor (Obsolete)	DIP-40		959	5.00
AM2901DC, 4-Bit-Slice Processor (Obsolete)	DIP-40		954	5.00
<b>Type</b> <b>Static Ram</b>				
M5M256BP, Static Ram, 64K (32Kx8) (Obsolete)	DIP-28		956	2.00
<b>Type</b> <b>TTL</b>				
74LS00, Quad 2-Input NAND Gate	DIP-14	3 - A	499	0.31
74F00, Quad 2-Input NAND Gate	DIP-14	3 - A	498	0.55
7401, Quad 2-Input NAND Gate w/ open-collect outputs	DIP-14	3 - A	502	0.61
74LS01, Quad 2-Input NAND Gate w/ open-collect outputs	DIP-14	3 - A	503	0.61
7402, Quad 2-Input NOR Gate	DIP-14	3 - A	504	0.74
74F02, Quad 2-Input NOR Gate	DIP-14	3 - A	506	0.85
74LS02, Quad 2-Input NOR Gate	DIP-14	3 - A	505	0.31
7403, Quad 2-Input NAND Gate w/ open-collect outputs	DIP-14	3 - A	507	1.10
74S03, Quad 2-Input NAND Gate w/ open-collector outputs	DIP-14	3 - A	508	1.10
7404, Hex Inverter	DIP-14	3 - A	509	0.75
74LS04, Hex Inverter	DIP-14	3 - A	510	0.36
74F04, Hex Inverter	DIP-14	3 - A	513	0.55
74LS05, Hex Inverter w/ open-collect outputs	DIP-14	3 - A	514	0.36
7406, Hex Inverter w/ open-collect outputs	DIP-14	3 - A	515	0.56
7407, Hex Buffer w/ open-collect outputs	DIP-14	3 - A	516	0.74
74LS08, Quad 2-Input AND Gate	DIP-14	3 - A	519	0.36
74F08, Quad 2-Input AND Gate	DIP-14	3 - A	518	0.55
7408, Quad 2-Input AND Gate	DIP-14	3 - A	517	0.74
74LS09, Quad 2-Input AND Gate w/ open-collect outputs	DIP-14	3 - A	520	0.31
74LS10, Triple 3-Input NAND	DIP-14	3 - A	521	0.36
7411, Triple 3-Input AND	DIP-14	3 - A	522	4.94
74LS11, Triple 3-Input AND	DIP-14	3 - A	523	0.36
74LS12, Triple 3-Input NAND Gate w/ open-collect outputs	DIP-14	3 - A	525	1.50
7412, Triple 3-Input NAND Gate w/ open-collect outputs	DIP-14	3 - A	524	1.50
74LS13, Dual 4-Input NAND Schmitt triggers	DIP-14	3 - A	527	1.50
7413, Dual 4-Input NAND Schmitt triggers	DIP-14	3 - A	526	0.36
74LS14, Hex Schmitt trigger Inverter	DIP-14	3 - A	528	0.31

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74F20, Dual 4-Input NAND Gate	DIP-14	3 - A	529	0.55
74S20, Dual 4-Input NAND Gate	DIP-14	3 - A	530	0.00
74LS20, Dual 4-Input NAND Gate	DIP-14	3 - A	531	0.69
74ALS20, Dual 4-Input NAND Gate	DIP-14	3 - A	532	0.59
74LS21, Dual 4-Input AND Gate	DIP-14	3 - A	533	0.31
7422, Dual 4-Input NAND Schmitt triggers w/ open-collect outputs	DIP-14	3 - A	534	
7423, Expandable Dual 4-Input NOR Gates	DIP-16	3 - A	535	1.50
7426, Quad 2-Input high-voltage interface NAND Gates	DIP-14	3 - A	536	2.50
7427, Triple 3-Input NOR Gates	DIP-14	3 - A	537	0.61
74LS27, Triple 3-Input NOR Gates	DIP-14	3 - A	538	0.31
7428, Quad 2-Input NOR buffers	DIP-14	3 - B	539	0.49
74LS28, Quad 2-Input NOR buffers	DIP-14	3 - B	540	1.50
74LS30, 8-Input NAND Gates	DIP-14	3 - B	542	0.31
7430, 8-Input NAND Gates	DIP-14	3 - B	541	0.31
74LS32, Quad 2-Input OR Gates	DIP-14	3 - B	545	0.31
74F32, Quad 2-Input OR Gates	DIP-14	3 - B	544	0.55
74ALS32, Quad 2-Input OR Gates	DIP-14	3 - B	546	0.63
74LS33, Quad 2-Input NOR buffers w/ open-collect outputs	DIP-14	3 - B	548	1.00
7433, Quad 2-Input NOR buffers w/ open-collect outputs	DIP-14	3 - B	547	1.50
7437, Quad 2-Input NAND buffers	DIP-14	3 - B	549	0.20
7439, Quad 2-Input NAND buffers w/ open-collect outputs	DIP-14	3 - B	550	
7440, Dual 4-Input NAND buffers	DIP-14	3 - B	551	0.16
7441, BCD to Decimal Decoder	DIP-16	3 - B	552	
7442, 4-Line BCD to 10-Line Decimal Decoders	DIP-16	3 - B	553	0.85
7445, BCD-to-Decimal Decoders/Drivers	DIP-16	3 - B	554	0.88
7447, BCD-to-Seven-Segment Decoders/Drivers	DIP-16	3 - B	555	0.99
7450, Dual 2-Wide 2-Input AND-OR-invert Gates (One Gate Expandable)	DIP-14	3 - B	556	0.45
74LS51, Dual 2-wide 2-input and 3-input AND-NOR Gates	DIP-14	3 - B	558	
7451, AND-OR-invert Gates	DIP-14	3 - B	557	0.18
74S51, Dual 2-wide 2-input and 3-input AND-NOR Gates	DIP-14	3 - B	559	0.94
7453, Expandable 4-Wide AND-OR-invert Gates	DIP-14	3 - B	560	0.34
7454, 4-Wide AND-OR-invert Gates	DIP-14	3 - B	561	0.28
74LS55, 2-Wide 4-Input AND-OR-invert Gates	DIP-14	3 - B	562	
7460, Dual 4-Input Expander	DIP-14	3 - B	563	0.35
7470, AND-Gated J-K Positive-Edge-Triggered Flip-Flop w/ preset and clear	DIP-14	3 - B	565	0.60
7473, Dual J-K Negative-Edge-Triggered Flip-Flops w/ clear	DIP-14	3 - B	566	0.88
74LS73, Dual J-K Negative-Edge-Triggered Flip-Flops w/ clear	DIP-14	3 - B	567	0.71
74F74, Dual Positive-Edge-Triggered D-Type Flip-Flops w/ clear and preset	DIP-14	3 - B	568	0.95
74LS74, Dual Positive-Edge-Triggered D-Type Flip-Flops w/ clear and pres	DIP-14	3 - B	569	0.60
74S74, Dual Positive-Edge-Triggered D-Type Flip-Flops w/ clear and preset	DIP-14	3 - B	570	1.10
74LS76, Dual J-K Positive-Edge-Triggered Flip-Flops w/ Preset and Clear	DIP-16	3 - B	571	
7480, Gated Full Adder	DIP-14	3 - B	572	0.88
7482, 2 Bit Binary Full Adder	DIP-14	3 - B	573	0.80
7483, 4-bit Binary full Adder	DIP-16	3 - B	574	0.78

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74LS83, 4-Bit Binary Adder w/ Fast Carry	DIP-16	3 - B	575	0.66
74LS85, 4-Bit Magnitude Comparator	DIP-16	3 - B	576	0.66
74F86, Quad 2-Input Exclusive-OR Gates	DIP-14	3 - B	579	1.13
74LS86, Quad 2-Input Exclusive-OR Gates	DIP-14	3 - B	578	0.36
7486, Quad 2-Input Exclusive-OR Gates	DIP-14	3 - B	577	
7489, 64 Bit RAM	DIP-14	3 - B	580	2.50
74LS90, Decade Counter	DIP-14	3 - B	582	0.83
7490, Decade Counter	DIP-14	3 - B	581	0.88
7491A, 8-Bit Shift Registers	DIP-14	3 - B	583	0.98
74LS91, Serial-in / serial-out shift registers	DIP-14	3 - B	584	
7492, Divide-By-Twelve Decade Counter	DIP-14	3 - B	585	1.05
74LS93, 4-Bit Binary Counters	DIP-14	3 - C	586	1.66
7494, Shift registers	DIP-14	3 - C	587	
7495, 4-bit parallel-access shift register (K155N)	DIP-14	3 - C	588	0.65
7496, N-Bit Serial-to-Parallel/Parallel-to-Serial Converter/N-Bit Storage Regi	DIP-16	3 - C	589	0.48
74104, Gated J-K Master-Slave Flip-Flops	DIP-14	3 - C	590	
74105, Gated J-K Master-Slave Flip-Flops	DIP-14	3 - C	591	
74107, Dual J-K Flip-Flops w/ Clear	DIP-14	3 - C	592	0.29
74LS107, Dual J-K Flip-Flops w/ Clear	DIP-14	3 - C	593	0.90
74LS113, Dual J-K edge-trig. Flip-Flops	DIP-14	3 - C	594	
74LS114, Dual J-K F-F w/com Clk	DIP-14	3 - C	595	
74121, Monostable multivibrator w/ Schmitt-trigger inputs	DIP-14	3 - C	596	0.95
74122, Retriggerable monostable multivibrator	DIP-14	3 - C	597	0.80
74LS125, Quad Bus Buffers w/ 3-State outputs	DIP-14	3 - C	598	1.15
74132, Quad 2-Input NAND Schmitt triggers	DIP-14	3 - C	599	0.99
74LS132, Quad 2-input NAND Schmitt triggers	DIP-14	3 - C	600	1.54
74LS138, 3-line to 8-line decoder / demultiplexer	DIP-16	3 - C	602	0.36
74S138, 3-line to 8-line decoder / demultiplexer	DIP-16	3 - C	601	1.24
74LS139, Dual 2-line to 4-line decoders / demultiplexers	DIP-16	3 - C	604	0.78
74147, 10-Line to 4-Line BCD Priority Encoder	DIP-16	3 - C	606	
74148, 8-Line to 3-Line Priority Encoders	DIP-16	3 - C	607	0.88
74150, 16-line to 1-line data selector / multiplexer	DIP-24	3 - C	608	1.90
74LS151, 8-Line to 1-Line Data Selectors/Multiplexers	DIP-16	3 - C	609	0.95
74S151, 8-Line to 1-Line Data Selectors/Multiplexers	DIP-16	3 - C	610	
74LS153, Dual 4-Line to 1-Line Data Selectors/Multiplexers	DIP-16	3 - C	611	0.78
74LS154, 4-Line to 16-Line Decoders/Demultiplexers	DIP-24	3 - C	613	5.26
74154, 4-Line to 16-Line Decoders/Demultiplexers	DIP-24	3 - C	612	1.95
74LS154, 4-16 line decoder/demultiplexer, 0.7 wide	DIP	3	444	2.43
74LS155A, Dual 2-Line to 4-Line Decoders/Demultiplexers	DIP-16	3 - C	614	0.78
74156, Dual 2-Line to 4-line Decoders/Demultiplexers w/ Open-Collect outp	DIP-16	3 - C	615	0.34
74157, Quad 2-line to 1-line data selectors / multiplexers	DIP-16	3 - C	616	0.35
74LS157, Quad 2-line to 1-line data selectors / multiplexers	DIP-16	3 - C	617	0.95
74158, Quad 2-Line to 1-Line Data selectors/ multiplexers	DIP-16	3 - C	618	
74159, 4-Line to 16-Line Decoders/Demultiplexers w/ open-collect outputs	DIP-24	3 - C	619	

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74160, Synchronous decade counters	DIP-16	3 - C	620	0.30
74LS161, Synchronous 4-bit binary counters	DIP-16	3 - C	622	1.05
74161, Synchronous 4-bit binary counters	DIP-16	3 - C	621	0.34
74162, Synchronous decade counters	DIP-16	3 - C	623	0.78
74163, Synchronous 4-bit binary counters	DIP-16	3 - C	624	0.38
74164, 8-bit serial shift register	DIP-14	3 - C	625	0.34
74165, 8-bit serial shift register, parallel load	DIP-16	3 - C	626	0.58
74166, Serial-out shift registers	DIP-16	3 - C	627	0.59
74170, 4-By-4 Register Files w/ open-collect outputs	DIP-16	3 - C	628	0.80
74173, Quad D-type Registers w/ 3-State outputs	DIP-16	3 - D	629	0.95
74174, 6-bit D-type positive-edge-triggered flip-flops w/ clear	DIP-16	3 - D	630	0.40
74LS175, Quadruple D-Type Flip-Flops w/ clear	DIP-16	3 - D	631	0.78
74177, 35-MHz Presettable Decade and Binary Counters/Latches	DIP-14	3 - D	632	
74178, Parallel-access shift registers	DIP-14	3 - D	633	1.95
74180, 9-Bit Odd/Even Parity Generators / Checkers	DIP-14	3 - D	634	0.79
74LS181, Arithmetic Logic Units/Function Generators	DIP-24	3 - D	635	
74S189, 16 x 4 RAM (Tri-State Output)	DIP-16	3 - D	636	
74LS191, Synchronous 4-Bit Up/Down Counters w/ Up/Down Mode Control	DIP-16	3 - D	638	1.15
74LS191, Synchronous Up/Down Counter, 4-bit	DIP		485	0.45
74LS194A, Bidirectional universal shift registers	DIP-16	3 - D	639	
74198, Bidirectional shift registers	DIP-24	3 - D	640	
74199, Shift registers w/ J-K serial inputs	DIP-24	3 - D	641	0.49
74LS240, Octal buffers and line drivers	DIP-20	3 - D	642	1.05
74LS240, Octal Buffer/Line Driver, Inverting	DIP		484	0.45
74LS241, Octal Buffers and Line Drivers w/ 3-State outputs	DIP-20	3 - D	644	0.91
74LS243, Quad bus transceivers	DIP-14	3 - D	645	
74LS244, Octal Buffers and Line Drivers w/ 3-State outputs	DIP-20	3 - D	646	1.05
74LS245, Octal bus transceivers	DIP-20	3 - D	648	1.05
74LS247, BCD-to-Seven-Segment Decoders/Drivers	DIP-16	3 - D	650	1.43
74LS253, Dual 4-Line to 1-Line Data Selectors/Multiplexers w/ 3-State outp	DIP-16	3 - D	652	0.88
74S253, Dual 4-line to 1-line data selectors / multiplexers	DIP-16	3 - D	653	1.46
74S257, Quadruple 2-Line to 1-Line Data Selectors/Multiplexers w/ 3-State	DIP-16	3 - D	654	
74LS258, Quadruple 2-Line to 1-Line Data Selectors/Multiplexers w/ 3-State	DIP-16	3 - D	655	
74LS260, Dual 5-input NOR gate	DIP-14	3 - D	656	
74LS273, Octal D-Type Flip-Flops w/ Clear	DIP-20	3 - D	657	1.01
74LS279A, Quad set-reset latches	DIP-16	3 - D	659	0.63
74LS280, 9-bit odd/even parity generators / checkers	DIP-16	3 - D	660	1.28
74LS283, 4-Bit Binary Full Adders w/ Fast Carry	DIP-16	3 - D	661	1.05
74LS367A, Hex Bus Drivers w/ 3-State outputs	DIP-16	3 - E	662	0.91
74LS373, Octal D-type Transparent Latches w/ 3-state outputs	DIP-20	3 - E	664	0.49
74ALS373, Octal D-Type Transparent Latches w/ 3-state outputs	DIP-20	3 - E	665	1.00
74S373, Octal D-type Transparent Latches w/ 3-state outputs	DIP-20	3 - E	663	
74LS374, Octal D F/F edge-trig tri-state	DIP-20	3 - E	667	1.05
74LS377, Octal D-Type Flip-Flops w/ Clock Enable	DIP-20	3 - E	668	1.35

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74LS393, Dual 4-Bit Binary Counters	DIP-14	3 - E	670	1.09
74LS540, Octal buffers and line drivers	DIP-20	3 - E	671	
74LS541, Octal Buffers And Line Drivers w/ 3-State outputs	DIP-20	3 - E	672	1.50
74LS573, Octal Transparent D-Type Latches w/ 3-State outputs	DIP-20	3 - E	673	1.61
74LS590, 8-Bit Binary Counters w/ Output Registers And 3-State outputs	DIP-16	3 - E	675	5.50