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74LS Series (Continued) – Low Power Schottky Logic



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Jameco now offers two ways to save! Our selection of Texas Instruments products will save you about 6-20% off TI and competitive prices. And if your project doesn't require a specific brand of IC, but can be one of five or six major brands, select from the functionally equivalent Jameco Value Offering column, to your right, to save up to 30%!

Base No.	Package	Description	Texas Instruments – Save 6-20%				
			Part No.	T.I. Product No.	1	10	100
74LS20	SOIC-14	Dual 4-input NAND gate					
74LS20	DIP-14	Dual 4-input NAND gate	295478CK	SN74LS20N	.31	\$.209	\$.202
74LS21	DIP-14	Dual 4-input NAND gate	295486CK	SN74LS21N	.27	.237	.202
74LS27	DIP-14	Triple 3-input NOR gate	295494CK	SN74LS27N	.45	.364	.276
74LS30	SOIC-14	8-input NAND gate					
74LS30	DIP-14	8-input NAND gate	295507CK	SN74LS30N	.45	.346	.276
74LS32	SOIC-14	Quad 2-input OR gate	308873CK	SN74LS32D	.45	.364	.276
74LS32	DIP-14	Quad 2-input OR gate	295515CK	SN74LS32N	.31	.28	.248
74LS37	DIP-14	Quad 2-input NAND gate buffer	295558CK	SN74LS37N	.59	.482	.442
74LS38	DIP-14	Quad 2-input NAND gate buffer (O.C.)	295566CK	SN74LS38N	.36	.246	.239
74LS42	DIP-16	BCD-to-decimal decoder/driver	295574CK	SN74LS42N	1.17	.95	.75
74LS47	DIP-16	BCD to 7-seg. decoder/driver (O.C.)	295582CK	SN74LS47N	.77	.58	.539
74LS48	DIP-16	BCD to 7-seg. decoder/driver					
74LS73	DIP-14	Dual JK flip-flop with clear, center VCC/GND	295700CK	SN74LS73AN	1.09	.96	.77
74LS74	SOIC-14	Dual D flip-flop	308881CK	SN74LS74AD	.45	.364	.276
74LS74	DIP-14	Dual D flip-flop	295726CK	SN74LS74AN	.45	.364	.276
74LS75	SOIC-16	4-bit bi-stable latch					
74LS75	DIP-16	4-bit bi-stable latch	295734CK	SN74LS75N	.95	.89	.82
74LS76	DIP-16	Dual JK flip-flop with preset and clear					
74LS83	DIP-16	4-bit binary full adder					
74LS85	SOIC-16	4-bit magnitude comparator	308902CK	SN74LS85D	.40	.36	.324
74LS85	DIP-16	4-bit magnitude comparator	295742CK	SN74LS85N	.46	.419	.363
74LS86	SOIC-14	Quad Exclusive-OR gate	308911CK	SN74LS86AD	.42	.356	.268
74LS86	DIP-14	Quad Exclusive-OR gate	295751CK	SN74LS86AN	.38	.324	.238
74LS90	SOIC-14	Decade counter					
74LS90	DIP-14	Decade counter	295769CK	SN74LS90N	1.45	1.19	1.09
74LS92	DIP-14	Divide-by-12 counter	295814CK	SN74LS92N	1.15	.98	.74
74LS93	SOIC-14	4-bit binary counter					
74LS93	DIP-14	4-bit binary counter	295822CK	SN74LS93N	.95	.85	.76
74LS95	DIP-14	4-bit parallel-access shift register					
74LS107	DIP-14	Dual JK flip-flop with clear	295865CK	SN74LS107AN	.79	.72	.66
74LS109	SOIC-16	Dual JK pos. edge-trig. flip-flop	309104CK	SN74LS109AD	.65	.491	.373
74LS109	DIP-16	Dual JK pos. edge-trig. flip-flop	295873CK	SN74LS109AN	.65	.64	.497
74LS112	DIP-16	Dual JK neg. edge-trig. flip-flop	300855CK	SN74LS112AN	.43	.328	.248
74LS122	DIP-14	Retrig. mono. multivibrator comm. CLK	300863CK	SN74LS122N	.50	.382	.289
74LS123	SOIC-16	Dual mono. multivibrator with clear	308937CK	SN74LS123D	.59	.457	.345
74LS123	DIP-16	Dual mono. multivibrator with clear	300880CK	SN74LS123N	.50	.382	.289
74LS125	SOIC-14	Quad 3-state buffer	308945CK	SN74LS125AD	.50	.382	.29
74LS125	DIP-14	Quad bus buffer neg. enable tri-state	300901CK	SN74LS125AN	.36	.309	.285
74LS126	SOIC-14	Quad bus buffer tri-state	309121CK	SN74LS126AD	.50	.382	.29
74LS126	DIP-14	Quad bus buffer tri-state	300927CK	SN74LS126AN	.50	.382	.289
74LS132	DIP-14	Quad 2-input NAND Schmitt trigger	300935CK	SN74LS132N	.54	.41	.311
74LS136	DIP-14	Quad EXCLUSIVE-OR gate (O.C.)	301225CK	SN74LS136N	.58	.437	.331
74LS138	SOIC-16	3 to 8 decoder/demultiplexer	308953CK	SN74LS138D	.45	.339	.276
74LS138	DIP-16	3 to 8 decoder/demultiplexer	301233CK	SN74LS138N	.50	.382	.29
74LS139	SOIC-16	2 to 4 decoder/demultiplexer	309147CK	SN74LS139AD	.41	.328	.294
74LS139	DIP-16	2 to 4 decoder/demultiplexer	301268CK	SN74LS139AN	.50	.421	.313
74LS145	SOIC-16	BCD-to-decimal decoder/driver (O.C.)	309163CK	SN74LS145D	.37	.319	.294
74LS145	DIP-16	BCD-to-decimal decoder/driver (O.C.)	301276CK	SN74LS145N	.79	.60	.46
74LS148	DIP-16	8 to 3 priority encoder	301330CK	SN74LS148N	.85	.73	.59
74LS151	SOIC-16	8-input multiplexer					
74LS151	DIP-16	8-input multiplexer	301348CK	SN74LS151N	.50	.382	.29
74LS153	DIP-16	Dual 4-to-1 selector/multiplexer	301532CK	SN74LS153N	.45	.396	.263
74LS154	DIP-24	4 to 16 line decoder/demultiplexer					
74LS155	DIP-16	Dual 2/4 demultiplexer	301559CK	SN74LS155AN	.81	.60	.55
74LS156	DIP-16	Dual 2/4 demultiplexer (O.C.)	301591CK	SN74LS156N	.39	.309	.29
74LS157	SOIC-16	Quad 2/1 data selector	308970CK	SN74LS157D	.38	.324	.243
74LS157	DIP-16	Quad 2/1 data selector	301612CK	SN74LS157N	.50	.382	.29
74LS160	DIP-16	Decade counter with asynch. clear					

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Part No.	Cross Ref.	* Minimum order 10 pieces		
		1	10	100
198459CK	74LS20M	\$.25	\$.222	\$.20
47095CK	74LS20N*	.28	.191	.185
47108CK	74LS21N	\$.28	.25	.218
47378CK	74LS27N	.25	.21	.158
198467CK	74LS30M	*	.144	.13
47458CK	74LS30N*	.37	.30	.23
198475CK	74LS32M	.41	.332	.249
47466CK	74LS32N**	.29	.26	.23
47597CK	74LS37N	.54	.46	.34
47693CK	74LS38N	.33	.224	.202
47773CK	74LS42N	.76	.65	.54
47790CK	74LS47N*	.72	.52	.45
47811CK	74LS48N	4.99	4.24	3.18
47992CK	74LS73N*	1.03	.84	.64
198491CK	74LS74M	.41	.332	.252
48004CK	74LS74N**	.36	.25	.22
198504CK	74LS75M	.26	.233	.21
48021CK	74LS75N*	.86	.73	.66
48039CK	74LS76N	.83	.68	.61
48063CK	74LS83N	1.49	1.35	1.19
198512CK	74LS85M	.37	.333	.30
48071CK	74LS85N*	.42	.382	.345
198521CK	74LS86M	\$.39	.33	.282
48098CK	74LS86N*	.35	.30	.22
198539CK	74LS90M	\$.70	.34	.303
48119CK	74LS90N*	.75	.67	.59
48143CK	74LS92N	.99	.76	.63
198547CK	74LS93M	\$.56	.31	.278
48151CK	74LS93N*	.89	.79	.70
48178CK	74LS95N	1.05	.91	.79
46412CK	74LS107N	.72	.51	.36
309112CK	74LS109M	.59	.448	.34
46421CK	74LS109N	.73	.58	.43
46447CK	74LS112N	.39	.299	.227
46471CK	74LS122N	.46	.35	.27
198555CK	74LS123M	.55	.423	.259
46480CK	74LS123N*	.45	.35	.27
243168CK	74LS125AM	.44	.37	.28
46501CK	74LS125N*	.33	.282	.26
309139CK	74LS126AM	.46	.349	.265
46527CK	74LS126N	.37	.345	.253
46551CK	74LS132N	.49	.369	.298
46586CK	74LS136N	.53	.40	.30
198563CK	74LS138M	\$.42	.36	.267
46607CK	74LS138N**	.45	.35	.26
309155CK	74LS139AM	.37	.299	.265
46623CK	74LS139N*	.37	.291	.239
309171CK	74LS145M	.34	.291	.269
46666CK	74LS145N	.73	.55	.423
46682CK	74LS148N	.79	.68	.55
198571CK	74LS151M	.31	.26	.195
46703CK	74LS151N*	.45	.349	.269
46720CK	74LS153N	.41	.35	.26
46738CK	74LS154N	5.15	4.59	3.69
46754CK	74LS155N*	.85	.72	.54
46762CK	74LS156N	.35	.282	.212
198580CK	74LS157M	.35	.30	.225
46771CK	74LS157N*	.45	.40	.33
46800CK	74LS160N	2.49	2.39	2.29

† Note: Fairchild now owns National Semi logic; Philips now owns Signetics; and On Semi is also known as Motorola; Renesas is the new company formed by the merger of Mitsubishi and Hitachi
 * Blue Part No. = Limited Quantity Available *10 pcs. in 74LS series IC cabinet kit, pg 29 **20 pcs. in 74LSeries IC cabinet kit, pg 29

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. [Details on page 1.](#)

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