

BIPOLAR DIGITAL ICs

TTL - T 74 LS series

TYPE	DESCRIPTION	t_{pd} (ns)	P_D (mW)	FANOUT	PACKAGE
T 74 LS 00	Quad 2-input NAND gate	5	8	20	DIP H, P
T 74 LS 02	Quad 2-input NOR gate	5	8	20	DIP H, P
T 74 LS 03	Quad 2-input NAND gate open-collector	10	10	20	DIP H, P
T 74 LS 04	Hex inverter	5	12	20	DIP H, P
T 74 LS 05	Hex inverter open-collector	10	25	20	DIP H, P
T 74 LS 08	Quad 2-input AND gate	7.5	8	20	DIP H, P
T 74 LS 09	Quad 2-input AND gate open-collector	10	10	20	DIP H, P
T 74 LS 10	Triple 3-input NAND gate	6	10	20	DIP H, P
T 74 LS 11	Triple 3-input AND gate	7.5	12	20	DIP H, P
T 74 LS 13	Dual 4-input Schmitt trigger	20	30	20	DIP H, P
T 74 LS 14	Hex Schmitt trigger	20	30	20	DIP H, P
T 74 LS 15	Triple 3-input AND gate open-collector	10	15	20	DIP H, P
T 74 LS 20	Dual 4-input NAND gate	5	10	20	DIP H, P
T 74 LS 21	Dual 4-input AND gate	8	10	20	DIP H, P
T 74 LS 22	Dual 4-input NAND gate open-collector	10	8	20	DIP H, P
T 74 LS 26	Quad 2-input NAND high voltage	10	10	20	DIP H, P
T 74 LS 27	Triple 3-input NOR gate	8	10	20	DIP H, P
T 74 LS 28	Quad 2-input NOR buffer	9	20	20	DIP H, P
T 74 LS 30	8-input NAND gate	7	12	20	DIP H, P
T 74 LS 32	Quad 2-input OR gate	7	12	20	DIP H, P
T 74 LS 33	Quad 2-input NOR gate open-collector	7	12	20	DIP H, P
T 74 LS 37	Quad 2-input NAND buffer	20	20	20	DIP H, P
T 74 LS 38	Quad 2-input NAND buffer open-collector	20	20	20	DIP H, P
T 74 LS 40	Dual 4-input NAND buffer	10	20	20	DIP H, P
T 74 LS 42	1 of 10 decoder	11	100	20	DIP K, Q
T 74 LS 51	Dual AND-OR-INVERT gate	8	8	20	DIP H, P
T 74 LS 54	2-3-3-2 input AND-OR-INVERT gate	10	15	20	DIP H, P
T 74 LS 55	2 wide 4-input AND-OR-INVERT gate	10	16	20	DIP H, P
T 74 LS 74	Dual D flip-flop	10	42	20	DIP H, P
T 74 LS 83	4-bit full adder	17	170	20	DIP K, Q
T 74 LS 85	4-bit magnitude comparator	15	80	20	DIP K, Q
T 74 LS 86	Quad exclusive OR gate	12	11	20	DIP H, P
T 74 LS 90	Decade counter	25	15	20	DIP H, P
T 74 LS 92	Divide by-Twelve counter	25	15	20	DIP H, P
T 74 LS 93	Divide by-Sixteen counter	25	15	20	DIP H, P
T 74 LS 95	Parallel IN/parallel OUT shift register	20	65	5	DIP K, Q
T 74 LS 109	Dual J-K flip-flop	10	42	20	DIP K, Q
T 74 LS 112	Dual J-K edge-trigger flip-flop	10	42	20	DIP K, Q