

## WATCHES, CLOCKS (monolithic integrated circuit)

Type Number	Case Variation	Pins & No.	Package No.	Circuit Functions & Applications	Main Specifications
1 LM8361	DIP	40	3013A	Digital Clock	4-digit LED/FLT direct drive, 12/24-hour mode, alarm with snooze, sleep timer, all digits flashing at power failure
2 LM8362	DIP	40	3013A	Digital Clock	Equivalent to LM8360 basically (except 10-hour digit blank, automatic processing of sleep timer)
3 LM8363	DIP	42	3014A	2-Alarm Digital Clock	4-digit red LED/FLT direct drive, 2 alarms with snooze, calendar, backup circuit
4 LM8364	DIP	42	3014A	2-Output 2-Alarm Digital Clock	4-digit red LED/FLT direct drive, 2 outputs, 2 alarms with snooze, calendar, backup circuit
5 LM8365	DIP	42	3014A	2-Output 2-Alarm Digital Clock	Equivalent to LM8364 (except mirror image pin assignment)
6 LM8368	DIP	40	3013A	2-Output 2-Alarm Digital Clock	Equivalent to LM8362 (except mirror image pin assignment)
7 LM8460	DIP	42S	3025B	Digital Clock (One-Touch Control Function)	4-digit red LED/FLT direct drive, alarm, sleep timer, backup circuit
8 LM8560	DIP	28S	3029A	Duplex Digital Clock	4-digit LED display, duplex display, alarm, sleep, directly interchangeable with TMS3450
9 LM8561	DIP	28S	3029A	FLT-Use Duplex Digital Clock	4-digit FLT display, duplex display, directly interchangeable with TMS3451
10 LM8562	DIP	28S	3029A	LED-Use Duplex Digital Clock	4-digit LED display, duplex display, directly interchangeable with TMS3459B
11 LM8569	DIP	28S	3029A	LED-Use Duplex Digital Clock	Mirror image pin assignment version of LM8560

## CMOS HIGH-SPEED STANDARD LOGIC CIRCUIT MLC74HC SERIES (monolithic integrated circuit)

Type Number	Case Variation	Pins & No.	Package No.	Circuit Functions & Applications	Main Specifications
12 MLC74HC00A	DIP	14	3135	Quad 2-Input NAND Gate	High-speed 74HC series
13 MLC74HC00AM	MFP	14	3138	Quad 2-Input NAND Gate	High-speed 74HC series, miniflat package version of MLC74HC00A
14 MLC74HC02A	DIP	14	3135	Quad 2-Input NOR Gate	High-speed 74HC series
15 MLC74HC02AM	MFP	14	3138	Quad 2-Input NOR Gate	High-speed 74HC series, miniflat package version of MLC74HC02A
16 MLC74HC03A	DIP	14	3135	Quad 2-Input NAND Gate with Open-Drain Outputs	High-speed 74HC series
17 MLC74HC03AM	MFP	14	3138	Quad 2-Input NAND Gate with Open-Drain Outputs	High-speed 74HC series, miniflat package version of MLC74HC03A
18 MLC74HC04A	DIP	14	3135	Hex Inverter	High-speed 74HC series
19 MLC74HC04AM	MFP	14	3138	Hex Inverter	High-speed 74HC series, miniflat package version of MLC74HC04A
20 MLC74HCU04	DIP	14	3135	Hex Unbuffered Inverter	High-speed 74HC series
21 MLC74HCU04M	MFP	14	3138	Hex Unbuffered Inverter	High-speed 74HC series, miniflat package version of MLC74HCU04
22 MLC74HC08A	DIP	14	3135	Quad 2-Input AND Gate	High-speed 74HC series
23 MLC74HC08AM	MFP	14	3138	Quad 2-Input AND Gate	High-speed 74HC series, miniflat package version of MLC74HC08A
24 MLC74HC10	DIP	14	3135	Triple 3-Input NAND Gate	High-speed 74HC series
25 MLC74HC10M	MFP	14	3138	Triple 3-Input NAND Gate	High-speed 74HC series, miniflat package version of MLC74HC10
26 MLC74HC11	DIP	14	3135	Triple 3-Input AND Gate	High-speed 74HC series
27 MLC74HC11M	MFP	14	3138	Triple 3-Input AND Gate	High-speed 74HC series, miniflat package version of MLC74HC11
28 MLC74HC14A	DIP	14	3135	Hex Schmitt-Trigger Inverter	High-speed 74HC series
29 MLC74HC14AM	MFP	14	3138	Hex Schmitt-Trigger Inverter	High-speed 74HC series, miniflat package version of MLC74HC14A
30 MLC74HC20	DIP	14	3135	Dual 4-Input NAND Gate	High-speed 74HC series
31 MLC74HC20M	MFP	14	3138	Dual 4-Input NAND Gate	High-speed 74HC series, miniflat package version of MLC74HC20
32 MLC74HC27	DIP	14	3135	Triple 3-Input NOR Gate	High-speed 74HC series
33 MLC74HC27M	MFP	14	3138	Triple 3-Input NOR Gate	High-speed 74HC series, miniflat package version of MLC74HC27
34 MLC74HC30	DIP	14	3135	8-Input NAND Gate	High-speed 74HC series
35 MLC74HC30M	MFP	14	3138	8-Input NAND Gate	High-speed 74HC series, miniflat package version of MLC74HC30
36 MLC74HC32A	DIP	14	3135	Quad 2-Input OR Gate	High-speed 74HC series
37 MLC74HC32AM	MFP	14	3138	Quad 2-Input OR Gate	High-speed 74HC series, miniflat package version of MLC74HC32A
38 MLC74HC42	DIP	16	3137	1-of-10 Decoder	High-speed 74HC series
39 MLC74HC42M	MFP	16	3139	1-of-10 Decoder	High-speed 74HC series, miniflat package version of MLC74HC42
40 MLC74HC51	DIP	14	3135	2-Wide, 2-Input/2-Wide, 3-Input AND-OR-INVERT Gates	High-speed 74HC series
41 MLC74HC51M	MFP	14	3138	2-Wide, 2-Input/2-Wide, 3-Input AND-OR-INVERT Gates	High-speed 74HC series, miniflat package version of MLC74HC51
42 MLC74HC74A	DIP	14	3135	Dual D-Type Flip-Flop with Set and Reset	High-speed 74HC series
43 MLC74HC74AM	MFP	14	3138	Dual D-Type Flip-Flop with Set and Reset	High-speed 74HC series, miniflat package version of MLC74HC74A
44 MLC74HC76	DIP	16	3137	Dual J-K Flip-Flop with Set and Reset	High-speed 74HC series
45 MLC74HC76M	MFP	16	3139	Dual J-K Flip-Flop with Set and Reset	High-speed 74HC series, miniflat package version of MLC74HC76
46 MLC74HC88	DIP	14	3135	Quad 2-Input Exclusive OR Gate	High-speed 74HC series
47 MLC74HC88M	MFP	14	3138	Quad 2-Input Exclusive OR Gate	High-speed 74HC series, miniflat package version of MLC74HC88
48 MLC74HC107	DIP	14	3135	Dual J-K Flip-Flop with Reset	High-speed 74HC series
49 MLC74HC107M	MFP	14	3138	Dual J-K Flip-Flop with Reset	High-speed 74HC series, miniflat package version of MLC74HC107
50 MLC74HC109	DIP	16	3137	Dual J-K Flip-Flop with Set and Reset	High-speed 74HC series
51 MLC74HC109M	MFP	16	3139	Dual J-K Flip-Flop with Set and Reset	High-speed 74HC series, miniflat package version of MLC74HC109