



MC14000: Metal Gate CMOS Logic Integrated Circuits

Mfr.'s Type		Description	No. of Leads	Mfr.'s Type		Description	No. of Leads
PDIP	SOIC			PDIP	SOIC		
MC14001BCP	MC14001BD	Quad 2-Input NOR Gate	14	MC14077BCP	—	Quad Exclusive NOR Gate	14
MC14001UBCP	—	Quad 2-Input NOR Gate, Inverting/Non-Buffered	14	MC14081BCP	MC14081BD	Quad 2-Input AND Gate	14
MC14008BCP	—	4-Bit Full Adder	16	MC14082BCP	—	Dual 4-Input AND Gate	14
MC14011BCP	MC14011BD	Quad 2-Input NAND Gate	14	MC14093BCP	MC14093BD	Quad 2-Input NAND Schmitt Trigger	14
MC14011UBCP	—	Quad 2-Input NAND Gate, Inverting/Non-Buffered	14	MC14094BCP	MC14094BD	8-Bit Shift/Store Register With 3-State Outputs	16
MC14012BCP	—	Dual 4-Input NAND Gate	14	MC14098BCP	—	8-Bit Addressable Latch	16
MC14013BCP	MC14013BD	Dual Type D Flip-Flop	14	MC14106BCP	MC14106BD	Hex Schmitt Trigger	14
MC14014BCP	—	8-Bit Static Shift Register, Synchronous Parallel Input/Serial Output	16	MC14174BCP	—	Hex D-Type Flip-Flop	16
MC14015BCP	—	Dual 4-Bit Static Shift Register, Serial Input/Parallel Output	16	MC14175BCP	—	Quad D-Type Flip-Flop	16
MC14016BCP	—	Quad Analog Switch/Quad Multiplexer	14	MC14490P	MC14490DW	Hex Contact Bounce Eliminator	16
MC14017BCP	MC14017BD	5-Stage Johnson Decade Counter with Code Converter, Divide by N	16	MC14503BCP	—	Hex Non-Inverting 3-State Buffer	16
MC14018BCP	—	Presetable/Resettable Divide By N Johnson Counter	16	MC14504BCP	MC14504BD	Hex Level Shifter For TTL To CMOS Or CMOS To CMOS	16
MC14020BCP	—	14-Bit Binary Counter	16	MC14511BCP	—	BCD To Seven Segment Latch/Decoder/Driver	16
MC14021BCP	—	8-Bit Static Shift Register, Asynchronous Parallel Input/Serial Output	16	MC14512BCP	—	8-Channel Data Selector	16
MC14022BCP	—	4-Stage Johnson Octal Counter	16	MC14513BCP	—	BCD To Seven Segment Latch/Decoder/Driver With Ripple Blanking	18
MC14023BCP	MC14023BD	Triple 3-Input NAND Gate	14	MC14514BCP	—	4-Bit Transparent Latch/4 To 16 Line Decoder, Active High Output	24
MC14024BCP	—	7-Stage Ripple Counter	16	MC14515BCP	—	4-Bit Transparent Latch/4 To 16 Line Decoder, Active Low Output	24
MC14025BCP	—	Triple 3-Input NOR Gate	14	MC14516BCP	—	Binary Up/Down Counter	16
MC14027BCP	—	Dual J-K Flip-Flop	16	MC14518BCP	—	Dual BCD Up Counter	16
MC14028BCP	—	BCD to Decimal Decoder, Binary To Octal Decoder	16	MC14520BCP	—	Dual Binary Up Counter	16
MC14029BCP	—	Binary/Decade Up/Down Counter	16	MC14521BCP	—	24-Stage Frequency Divider	16
MC14040BCP	—	12-Bit Binary Counter	16	MC14526BCP	—	Presetable 4-Bit Binary Down Counter	16
MC14042BCP	—	Quad Transparent Latch	16	MC14528BCP	—	Dual Monostable Multivibrator	16
MC14043BCP	—	Quad NOR R-S Latch	16	MC14532BCP	—	8-Bit Priority Encoder	16
MC14044BCP	—	Quad NAND R-S Latch	16	MC14536BCP	MC14536BDW	Programmable Timer, 24 Stage Binary Ripple Counter	16
MC14046BCP	MC14046BDW	Phase Locked Loop	16	—	—	Dual Precision Monostable Multivibrator	16
MC14049BCP	MC14049BD	Hex Inverter/Buffer	16	MC14538BCP	MC14538BDW	Dual Precision Retriggerable/Resettable Monostable Multivibrator	16
MC14049UBCP	MC14049UBD	Hex Inverter/Buffer	16	MC14541BCP	MC14541BD	Programmable 16 Stage Timer with Oscillator	16
MC14050BCP	MC14050BD	Hex Non-Inverting Buffer	16	MC14543BCP	MC14543BD	BCD To Seven Segment Latch/Decoder/Driver For LCDs	16
MC14051BCP	MC14051BD	8-Channel Analog Multiplexer/Demultiplexer	16	MC14551BCP	—	Quad 2-Channel Analog Multiplexer/Demultiplexer	16
MC14052BCP	—	Dual 4-Channel Analog Multiplexer/Demultiplexer	16	MC14553BCP	—	Synchronous 3-Digit BCD Counter	16
MC14053BCP	MC14053BD	Triple 2-Channel Analog Multiplexer/Demultiplexer	16	MC14555BCP	—	Dual Binary To 1 Of 4 Decoder/Demultiplexer, Active High Outputs	16
MC14060BCP	MC14060BD	14-Bit Binary Ripple Counter and Oscillator	16	MC14556BCP	—	Dual Binary To 1 Of 4 Decoder/Demultiplexer, Active Low Outputs	16
MC14066BCP	MC14066BD	Quad Analog Switch/Quad Multiplexer	14	MC14557BCP	—	1 To 64-Bit Variable Length Shift Register	16
MC14067BCP	—	16-Channel Analog Multiplexer/Demultiplexer	24	MC14562BCP	—	128-Bit Static Shift Register	14
MC14069UBCP	MC14069UBD	Hex Inverter	14	MC14569BCP	—	Programmable Divide By N Dual 4-Bit Binary/BCD Down Counter	16
MC14070BCP	MC14070BD	Quad Exclusive OR Gate	14	MC14572UBCP	—	Quad Inverter, 2-Input NOR Gate, 2-Input NAND Gate	16
MC14071BCP	MC14071BD	Quad 2-Input OR Gate	14	MC14584BCP	MC14584BD	Hex Schmitt Trigger	14
MC14073BCP	—	Triple 3-Input AND Gate	14	MC14585BCP	—	4-Bit Magnitude Comparator	16
MC14076BCP	—	4-Bit D-Type Register with 3-State Outputs	16	—	—	—	—

MC74LCX: Low Voltage CMOS Logic Integrated Circuits

Mfr.'s Type		Description	No. of Leads	Mfr.'s Type		Description	No. of Leads
SOIC	TSSOP			SOIC	TSSOP		
MC74LCX00D	MC74LCX00DT	3.3 V Quad 2-Input NAND Gate	14	MC74LCX244DW	—	3.3 V Octal Buffer, 3-State	20
—	MC74LCX125DT	3.3 V Quad Buffer, 3-State	14	MC74LCX541DW	—	3.3 V Octal Buffer Flow Through Pinout, 3-State	20

MC74LVX: Low Voltage CMOS Logic Integrated Circuits

Mfr.'s Type	Description	No. of Leads
MC74LVX4245DW	3.3 V Dual Supply Octal Translating Transceiver, 3-State	20, 24

13

MC74AC and MC74ACT: FACT, Very High Speed, Low Power Advanced CMOS Logic Integrated Circuits

Mfr.'s Type				Description	No. of Leads
MC74AC		MC74ACT			
PDIP	SOIC	PDIP	SOIC		
MC74AC00N	MC74AC00D	MC74ACT00N	—	Quad 2-Input NAND Gate	14
MC74AC02N	MC74AC02D	—	—	Quad 2-Input NOR Gate	14
MC74AC04N	MC74AC04D	MC74ACT04N	MC74ACT04D	Hex Inverter	14
MC74AC05N	—	—	MC74ACT05D	Hex Inverter with Open-Drain Outputs	14
MC74AC08N	MC74AC08D	MC74ACT08N	MC74ACT08D	Quad 2-Input AND Gate	14
MC74AC138N	—	MC74ACT138N	MC74ACT138D	1-of-8 Decoder/Demultiplexer	16
MC74AC14N	MC74AC14D	MC74ACT14N	MC74ACT14D	Hex Inverter Schmitt Trigger	14
MC74AC161N	—	MC74ACT161N	MC74ACT161D	Synchronous Presetable Binary Counter	16
MC74AC163N	—	—	—	Synchronous Presetable Binary Counter	16
MC74AC244N	—	MC74ACT244N	—	Octal Buffer/Line Driver With 3-State Outputs	20
MC74AC245N	—	MC74ACT245N	—	Octal Bidirectional Transceiver With 3-State Outputs	20
—	—	MC74ACT273N	—	Octal D Flip-Flop	20
MC74AC32N	MC74AC32D	—	MC74ACT273DW	Quad 2-Input OR Gate	14
—	—	—	MC74ACT32D	Octal D-Type Flip-Flop With 3-State Outputs	20
—	—	—	MC74ACT374DW	Octal Buffer/Line Driver With 3-State Outputs	20
MC74AC540N	—	—	—	Octal Buffer/Line Driver With 3-State Outputs, Non-Inverting	20
MC74AC541N	MC74AC541DW	MC74ACT541N	MC74ACT541DW	Octal D-Type Latch With 3-State Outputs	20
MC74AC573N	—	—	MC74ACT573DW	Octal D-Type Flip-Flop With 3-State Outputs	20
—	—	—	MC74ACT574DW	Octal D-Type Flip-Flop With 3-State Outputs	20
MC74AC74N	MC74AC74D	MC74ACT74N	MC74ACT74D	Dual D-Type Positive Edge Triggered Flip-Flop	14
MC74AC86N	MC74AC86D	MC74ACT86N	—	Quad 2-Input Exclusive OR Gate	14