
































**High Speed CMOS**
















 <u>M54HC00</u>	QUAD 2-INPUT NAND GATE
 <u>M54HC02</u>	QUAD 2-INPUT NOR GATE
 <u>M54HC03</u>	QUAD 2-INPUT OPEN DRAIN NAND GATE
 <u>M54HC04</u>	HEX INVERTER
 <u>M54HC05</u>	HEX INVERTER (OPEN DRAIN)
 <u>M54HC07</u>	HEX BUFFER (OPEN DRAIN)
 <u>M54HC08</u>	QUAD 2-INPUT AND GATE
 <u>M54HC09</u>	QUAD 2-INPUT AND GATE (OPEN DRAIN)
 <u>M54HC10</u>	TRIPLE 3-INPUT NAND GATE
 <u>M54HC107</u>	DUAL J-K FLIP FLOP WITH CLEAR
 <u>M54HC109</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M54HC11</u>	TRIPLE 3-INPUT AND GATE
 <u>M54HC112</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M54HC113</u>	DUAL J-K FLIP FLOP WITH PRESET
 <u>M54HC123</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M54HC123A</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M54HC125</u>	QUAD BUS BUFFERS (3-STATE)

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 <u>M54HC126</u>	QUAD BUS BUFFERS (3-STATE)
 <u>M54HC131</u>	3 TO 8 LINE DECODER/LATCH
 <u>M54HC132</u>	QUAD 2-INPUT SCHMITT NAND GATE
 <u>M54HC133</u>	13 INPUT NAND GATE
 <u>M54HC137</u>	3 TO 8 LINE DECODER/LATCH (INVERTING)
 <u>M54HC138</u>	3 TO 8 LINE DECODER (INVERTING)
 <u>M54HC139</u>	DUAL 2 TO 4 DECODER/DEMULTIPLEXER
 <u>M54HC14</u>	HEX SCHMITT INVERTER
 <u>M54HC147</u>	10 TO 4 LINE PRIORITY ENCODER
 <u>M54HC148</u>	8 TO 3 LINE PRIORITY ENCODER
 <u>M54HC151</u>	8 CHANNEL MULTIPLEXER
 <u>M54HC153</u>	HC153 DUAL 4 CHANNEL MULTIPLEXER, HC253 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT
 <u>M54HC154</u>	4 TO 16 LINE DECODER/DEMULTIPLEXER
 <u>M54HC155</u>	DUAL 2 TO 4 LINE DECODER 3 TO 8 LINE DECODER
 <u>M54HC157</u>	HC157 QUAD 2 CHANNEL MULTIPLEXER, HC158 QUAD 2 CHANNEL MULTIPLEXER (INV.)

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 <u>M54HC158</u>	HC157 QUAD 2 CHANNEL MULTIPLEXER, HC158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 <u>M54HC160</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M54HC161</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M54HC162</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M54HC163</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M54HC164</u>	8 BIT SIPO SHIFT REGISTER
 <u>M54HC165</u>	8 BIT PISO SHIFT REGISTER
 <u>M54HC166</u>	8 BIT PISO SHIFT REGISTER
 <u>M54HC173</u>	QUAD D-TYPE REGISTER (3-STATE)
 <u>M54HC174</u>	HEX D-TYPE FLIP FLOP WITH CLEAR
 <u>M54HC175</u>	QUAD D-TYPE FLIP-FLOP WITH CLEAR
 <u>M54HC181</u>	ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR
 <u>M54HC182</u>	FUNCTION LOOK AHEAD CARRY GENERATOR
 <u>M54HC190</u>	4 BIT SYNCHRONOUS UP/DOWN COUNTERS
 <u>M54HC191</u>	4 BIT SYNCHRONOUS UP/DOWN COUNTERS

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 M54HC192	HC193-SYNCHRONOUS UP/DOWN BINARY COUNTER HC192-SYNCHRONOUS UP/DOWN DECADE COUNTER
 M54HC193	HC193-SYNCHRONOUS UP/DOWN BINARY COUNTER HC192-SYNCHRONOUS UP/DOWN DECADE COUNTER
 M54HC194	4 BIT PIPO SHIFT REGISTER
 M54HC195	8 BIT PIPO SHIFT REGISTER
 M54HC20	DUAL 4-INPUT NAND GATE
 M54HC21	DUAL 4-INPUT AND GATE
 M54HC221	DUAL MONOSTABLE MULTIVIBRATOR
 M54HC221A	DUAL MONOSTABLE MULTIVIBRATOR
 M54HC237	3 TO 8 LINE DECODER LATCH
 M54HC238	3 TO 8 LINE DECODER
 M54HC240	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M54HC240HV	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240HV INVERTED , HC241HV NON INVERTED
 M54HC241	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M54HC241HV	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240HV INVERTED , HC241HV NON INVERTED

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 M54HC242	QUAD BUS TRANSCEIVER (3-STATE)
 M54HC243	QUAD BUS TRANSCEIVER (3-STATE)
 M54HC244	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M54HC245	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 M54HC251	8 BIT SIPO SHIFT REGISTER
 M54HC253	HC153 DUAL 4 CHANNEL MULTIPLEXER, HC253 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT
 M54HC257	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3- STATE)
 M54HC258	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3- STATE)
 M54HC259	8 BIT ADDRESSABLE LATCH
 M54HC266	HC266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
 M54HC27	TRIPLE 3-INPUT NOR GATE
 M54HC273	OCTAL D TYPE FLIP FLOP WITH CLEAR
 M54HC279	QUAD S-R LATCH















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<u>M54HC280</u>	9 BIT PARITY GENERATOR
<u>M54HC283</u>	4 BIT BINARY FULL ADDER
<u>M54HC292</u>	PROGRAMMABLE DIVIDER/TIMER
<u>M54HC294</u>	PROGRAMMABLE DIVIDER/TIMER
<u>M54HC298</u>	QUAD 2 CHANNEL MULTIPLEXER/REGISTER
<u>M54HC299</u>	HC323 8 BIT PIPO SHIFT REGISTER WITH SYNCHRONOUS CLEAR , HC299 8 BIT PIPO SHIFT REGISTER WITH ASYNCHRONOUS C
<u>M54HC30</u>	8 INPUT NAND GATE
<u>M54HC32</u>	QUAD 2-INPUT OR GATE
<u>M54HC323</u>	HC323 8 BIT PIPO SHIFT REGISTER WITH SYNCHRONOUS CLEAR , HC299 8 BIT PIPO SHIFT REGISTER WITH ASYNCHRONOUS C
<u>M54HC352</u>	HC353 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT(INV.) , HC352 DUAL 4 CHANNEL MULTIPLEXER(INV.)
<u>M54HC353</u>	HC353 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT(INV.) , HC352 DUAL 4 CHANNEL MULTIPLEXER(INV.)
<u>M54HC354</u>	8 CHANNEL MULTIPLEXER/REGISTER (3 STATE)
<u>M54HC356</u>	8 CHANNEL MULTIPLEXER/REGISTER WITH LATCHES (3-STATE)














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 <u>M54HC365</u>	HC365 NON INVERTING , HC366 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M54HC366</u>	HC365 NON INVERTING , HC366 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M54HC367</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M54HC368</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M54HC373</u>	HC373 NON INVERTING , HC533 INVERTING OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT
 <u>M54HC374</u>	HC374 NON INVERTING , HC534 INVERTING OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT
 <u>M54HC375</u>	QUAD D TYPE LATCH
 <u>M54HC377</u>	OCTAL D TYPE FLIP FLOP
 <u>M54HC386</u>	QUAD EXCLUSIVE OR GATE
 <u>M54HC390</u>	DUAL DECADE COUNTER
 <u>M54HC393</u>	DUAL BINARY COUNTER
 <u>M54HC4002</u>	DUAL 4 INPUT NOR GATE
 <u>M54HC40102</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS
 <u>M54HC40103</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS

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 <u>M54HC4016</u>	QUAD BILATERAL SWITCH
 <u>M54HC4017</u>	DECADE COUNTER/DIVIDER
 <u>M54HC4020</u>	HC4040 12 STAGE BINARY COUNTER HC4020 14 STAGE BINARY COUNTER
 <u>M54HC4022</u>	OCTAL COUNTER/DIVIDER
 <u>M54HC4024</u>	7 STAGE BINARY COUNTER
 <u>M54HC4028</u>	BCD TO DECIMAL DECODER
 <u>M54HC4040</u>	HC4040 12 STAGE BINARY COUNTER HC4020 14 STAGE BINARY COUNTER
 <u>M54HC4049</u>	HC4050 HEX BUFFER/CONVERTER HC4049 HEX BUFFER/CONVERTER (INVERTER)
 <u>M54HC4050</u>	HC4050 HEX BUFFER/CONVERTER HC4049 HEX BUFFER/CONVERTER (INVERTER)
 <u>M54HC4051</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M54HC4052</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M54HC4053</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M54HC4060</u>	14 STAGE BINARY COUNTER/OSCILLATOR













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<u>M54HC4066</u>	QUAD BILATERAL SWITCH
<u>M54HC4072</u>	DUAL 4 INPUT OR GATE
<u>M54HC4075</u>	TRIPLE 3 INPUT OR GATE
<u>M54HC4078</u>	8 INPUT NOR/OR GATE
<u>M54HC4094</u>	8 BIT SIPO SHIFT LATCH REGISTER (3-STATE)
<u>M54HC42</u>	BCD TO DECIMAL DECODER
<u>M54HC423</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
<u>M54HC423A</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
<u>M54HC4316</u>	QUAD BILATERAL SWITCH
<u>M54HC4351</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
<u>M54HC4352</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
<u>M54HC4353</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
<u>M54HC4511</u>	BCD TO 7 SEGMENT LATCH/DECODER DRIVER














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 <u>M54HC4514</u>	HC4515 4 TO 16 LINE DECODER LATCH (INV.) HC4514 4 TO 16 LINE DECODER/LATCH
 <u>M54HC4515</u>	HC4515 4 TO 16 LINE DECODER LATCH (INV.) HC4514 4 TO 16 LINE DECODER/LATCH
 <u>M54HC4518</u>	HC4520 DUAL 4 BIT BINARY COUNTER HC4518 DUAL DECADE COUNTER
 <u>M54HC4520</u>	HC4520 DUAL 4 BIT BINARY COUNTER HC4518 DUAL DECADE COUNTER
 <u>M54HC4538</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M54HC4543</u>	BCD TO 7 SEGMENT LATCH/DECODER/LCD DRIVER
 <u>M54HC51</u>	DUAL 2 WIDE 2 INPUT AND/OR INVERT GATE
 <u>M54HC533</u>	HC373 NON INVERTING , HC533 INVERTING OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT
 <u>M54HC534</u>	HC374 NON INVERTING , HC534 INVERTING OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT
 <u>M54HC540</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC540 INVERTED , HC541 NON INVERTED
 <u>M54HC541</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC540 INVERTED , HC541 NON INVERTED
 <u>M54HC563</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HC563 INVERTING , HC573 NON INVERTING












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 <u>M54HC564</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HC564 INVERTING , HC574 NON INVERTING
 <u>M54HC573</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HC563 INVERTING , HC573 NON INVERTING
 <u>M54HC574</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HC564 INVERTING , HC574 NON INVERTING
 <u>M54HC590</u>	8 BIT BINARY COUNTER REGISTER (3 STATE)
 <u>M54HC592</u>	8 BIT REGISTER BINARY COUNTER
 <u>M54HC593</u>	8 BIT BINARY COUNTER WITH INPUT REGISTER (3-STATE)
 <u>M54HC595</u>	8 BIT SHIFT REGISTER WITH OUTPUT LATCHES (3 STATE)
 <u>M54HC597</u>	8 BIT LATCH/SHIFT REGISTER
 <u>M54HC620</u>	HC620 3 STATE INVERTING , HC623 3 STATE NON INVERTING OCTAL BUS TRANSCEIVER
 <u>M54HC623</u>	HC620 3 STATE INVERTING , HC623 3 STATE NON INVERTING OCTAL BUS TRANSCEIVER
 <u>M54HC640</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 <u>M54HC643</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 <u>M54HC646</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3- STATE)














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 <u>M54HC648</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M54HC651</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M54HC652</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M54HC670</u>	4 WORD X 4 BIT REGISTER FILE (3 STATE)
 <u>M54HC688</u>	8 BIT EQUALITY COMPARATOR
 <u>M54HC690</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M54HC691</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M54HC692</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M54HC693</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M54HC696</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M54HC697</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA

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 <u>M54HC698</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M54HC699</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M54HC7240</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M54HC7241</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M54HC7244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M54HC7245</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 <u>M54HC7266</u>	HC7266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
 <u>M54HC7292</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M54HC7294</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M54HC73</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M54HC74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
 <u>M54HC75</u>	4 BIT D TYPE LATCH
 <u>M54HC76</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR

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 M54HC7640	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 M54HC7643	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 M54HC7645	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 M54HC77	4-BIT D-TYPE LATCH
 M54HC85	4-BIT MAGNITUDE COMPARATOR
 M54HC86	QUAD EXCLUSIVE OR GATE
 M54HCT00	QUAD 2-INPUT NAND GATE
 M54HCT02	QUAD 2-INPUT NOR GATE
 M54HCT04	HEX INVERTER
 M54HCT08	QUAD 2-INPUT AND GATE
 M54HCT10	TRIPLE 3-INPUT NAND GATE
 M54HCT125	QUAD BUS BUFFERS (3-STATE)
 M54HCT126	QUAD BUS BUFFERS (3-STATE)
 M54HCT137	3 TO 8 LINE DECODER/LATCH (INVERTING)
 M54HCT138	3 TO 8 LINE DECODER (INVERTING)

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 M54HCT139	DUAL 2 TO 4 DECODER/DEMULTIPLEXER
 M54HCT14	HEX SCHMITT INVERTER
 M54HCT157	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 M54HCT158	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 M54HCT160	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M54HCT161	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M54HCT162	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M54HCT163	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M54HCT164	8 BIT SIPO SHIFT REGISTER
 M54HCT165	8 BIT PISO SHIFT REGISTER
 M54HCT174	HEX D-TYPE FLIP FLOP WITH CLEAR
 M54HCT240	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED
 M54HCT240P U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 M54HCT241	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED

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 <u>M54HCT241P</u> U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 <u>M54HCT244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED
 <u>M54HCT244P</u> U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 <u>M54HCT245</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO
 <u>M54HCT257</u>	HCT258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HCT257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
 <u>M54HCT258</u>	HCT258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HCT257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
 <u>M54HCT27</u>	TRIPLE 3-INPUT NOR GATE
 <u>M54HCT273</u>	OCTAL D TYPE FLIP FLOP WITH CLEAR
 <u>M54HCT30</u>	8 INPUT NAND GATE
 <u>M54HCT32</u>	QUAD 2-INPUT OR GATE
 <u>M54HCT367</u>	HCT367 NON INVERTING, HCT368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M54HCT368</u>	HCT367 NON INVERTING, HCT368 INVERTING HEX BUS BUFFER (3-STATE)














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 <u>M54HCT373</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
 <u>M54HCT374</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
 <u>M54HCT393</u>	DUAL BINARY COUNTER
 <u>M54HCT533</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
 <u>M54HCT534</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
 <u>M54HCT540</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
 <u>M54HCT541</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
 <u>M54HCT563</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
 <u>M54HCT564</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
 <u>M54HCT573</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
 <u>M54HCT574</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
 <u>M54HCT640</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO

















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 <u>M54HCT643</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO
 <u>M54HCT646</u>	HCT648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) HCT646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M54HCT648</u>	HCT648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) HCT646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M54HCT651</u>	HCT652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) HCT651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M54HCT652</u>	HCT652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) HCT651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M54HCT688</u>	8 BIT EQUALITY COMPARATOR
 <u>M54HCT7007</u>	HEX BUFFER
 <u>M54HCT74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
 <u>M54HCT75</u>	4 BIT D TYPE LATCH
 <u>M54HCT86</u>	QUAD EXCLUSIVE OR GATE
 <u>M54HCU04</u>	HEX INVERTER (SINGLE STAGE)
 <u>M74HC00</u>	QUAD 2-INPUT NAND GATE
 <u>M74HC02</u>	QUAD 2-INPUT NOR GATE



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 <u>M74HC03</u>	QUAD 2-INPUT OPEN DRAIN NAND GATE
 <u>M74HC04</u>	HEX INVERTER
 <u>M74HC05</u>	HEX INVERTER (OPEN DRAIN)
 <u>M74HC07</u>	HEX BUFFER (OPEN DRAIN)
 <u>M74HC08</u>	QUAD 2-INPUT AND GATE
 <u>M74HC09</u>	QUAD 2-INPUT AND GATE (OPEN DRAIN)
 <u>M74HC10</u>	TRIPLE 3-INPUT NAND GATE
 <u>M74HC107</u>	DUAL J-K FLIP FLOP WITH CLEAR
 <u>M74HC109</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M74HC11</u>	TRIPLE 3-INPUT AND GATE
 <u>M74HC112</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M74HC113</u>	DUAL J-K FLIP FLOP WITH PRESET
 <u>M74HC123</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M74HC123A</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M74HC125</u>	QUAD BUS BUFFERS (3-STATE)
 <u>M74HC126</u>	QUAD BUS BUFFERS (3-STATE)
















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**High Speed CMOS**

 M74HC131	3 TO 8 LINE DECODER/LATCH
 M74HC132	QUAD 2-INPUT SCHMITT NAND GATE
 M74HC133	13 INPUT NAND GATE
 M74HC137	3 TO 8 LINE DECODER/LATCH (INVERTING)
 M74HC138	3 TO 8 LINE DECODER (INVERTING)
 M74HC139	DUAL 2 TO 4 DECODER/DEMULTIPLEXER
 M74HC14	HEX SCHMITT INVERTER
 M74HC147	10 TO 4 LINE PRIORITY ENCODER
 M74HC148	8 TO 3 LINE PRIORITY ENCODER
 M74HC151	8 CHANNEL MULTIPLEXER
 M74HC153	HC153 DUAL 4 CHANNEL MULTIPLEXER, HC253 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT
 M74HC154	4 TO 16 LINE DECODER/DEMULTIPLEXER
 M74HC155	DUAL 2 TO 4 LINE DECODER 3 TO 8 LINE DECODER
 M74HC157	HC157 QUAD 2 CHANNEL MULTIPLEXER, HC158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 M74HC158	HC157 QUAD 2 CHANNEL MULTIPLEXER, HC158 QUAD 2 CHANNEL MULTIPLEXER (INV.)

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**High Speed CMOS**

 <u>M74HC160</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M74HC161</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M74HC162</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M74HC163</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 <u>M74HC164</u>	8 BIT SIPO SHIFT REGISTER
 <u>M74HC165</u>	8 BIT PISO SHIFT REGISTER
 <u>M74HC166</u>	8 BIT PISO SHIFT REGISTER
 <u>M74HC173</u>	QUAD D-TYPE REGISTER (3-STATE)
 <u>M74HC174</u>	HEX D-TYPE FLIP FLOP WITH CLEAR
 <u>M74HC175</u>	QUAD D-TYPE FLIP-FLOP WITH CLEAR
 <u>M74HC181</u>	ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR
 <u>M74HC182</u>	FUNCTION LOOK AHEAD CARRY GENERATOR
 <u>M74HC190</u>	4 BIT SYNCHRONOUS UP/DOWN COUNTERS
 <u>M74HC191</u>	4 BIT SYNCHRONOUS UP/DOWN COUNTERS
 <u>M74HC192</u>	HC193-SYNCHRONOUS UP/DOWN BINARY COUNTER HC192-SYNCHRONOUS UP/DOWN DECADE COUNTER

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**High Speed CMOS**

 M74HC193	HC193-SYNCHRONOUS UP/DOWN BINARY COUNTER HC192-SYNCHRONOUS UP/DOWN DECADE COUNTER
 M74HC194	4 BIT PIPO SHIFT REGISTER
 M74HC195	8 BIT PIPO SHIFT REGISTER
 M74HC20	DUAL 4-INPUT NAND GATE
 M74HC21	DUAL 4-INPUT AND GATE
 M74HC221	DUAL MONOSTABLE MULTIVIBRATOR
 M74HC221A	DUAL MONOSTABLE MULTIVIBRATOR
 M74HC237	3 TO 8 LINE DECODER LATCH
 M74HC238	3 TO 8 LINE DECODER
 M74HC240	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M74HC240HV	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240HV INVERTED , HC241HV NON INVERTED
 M74HC241	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M74HC241HV	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240HV INVERTED , HC241HV NON INVERTED
 M74HC242	QUAD BUS TRANSCEIVER (3-STATE)














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**High Speed CMOS**

 M74HC243	QUAD BUS TRANSCEIVER (3-STATE)
 M74HC244	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
 M74HC245	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 M74HC251	8 BIT SIPO SHIFT REGISTER
 M74HC253	HC153 DUAL 4 CHANNEL MULTIPLEXER, HC253 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT
 M74HC257	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3- STATE)
 M74HC258	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3- STATE)
 M74HC259	8 BIT ADDRESSABLE LATCH
 M74HC266	HC266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
 M74HC27	TRIPLE 3-INPUT NOR GATE
 M74HC273	OCTAL D TYPE FLIP FLOP WITH CLEAR
 M74HC279	QUAD S-R LATCH
 M74HC280	9 BIT PARITY GENERATOR















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**High Speed CMOS**

 <u>M74HC283</u>	4 BIT BINARY FULL ADDER
 <u>M74HC292</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M74HC294</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M74HC298</u>	QUAD 2 CHANNEL MULTIPLEXER/REGISTER
 <u>M74HC299</u>	HC323 8 BIT PIPO SHIFT REGISTER WITH SYNCHRONOUS CLEAR , HC299 8 BIT PIPO SHIFT REGISTER WITH ASYNCHRONOUS C
 <u>M74HC30</u>	8 INPUT NAND GATE
 <u>M74HC32</u>	QUAD 2-INPUT OR GATE
 <u>M74HC323</u>	HC323 8 BIT PIPO SHIFT REGISTER WITH SYNCHRONOUS CLEAR , HC299 8 BIT PIPO SHIFT REGISTER WITH ASYNCHRONOUS C
 <u>M74HC352</u>	HC353 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT(INV.) , HC352 DUAL 4 CHANNEL MULTIPLEXER(INV.)
 <u>M74HC353</u>	HC353 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT(INV.) , HC352 DUAL 4 CHANNEL MULTIPLEXER(INV.)
 <u>M74HC354</u>	8 CHANNEL MULTIPLEXER/REGISTER (3 STATE)
 <u>M74HC356</u>	8 CHANNEL MULTIPLEXER/REGISTER WITH LATCHES (3-STATE)
 <u>M74HC365</u>	HC365 NON INVERTING , HC366 INVERTING HEX BUS BUFFER (3-STATE)














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**High Speed CMOS**

 <u>M74HC366</u>	HC365 NON INVERTING , HC366 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M74HC367</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M74HC368</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M74HC373</u>	HC373 NON INVERTING , HC533 INVERTING OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT
 <u>M74HC374</u>	HC374 NON INVERTING , HC534 INVERTING OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT
 <u>M74HC375</u>	QUAD D TYPE LATCH
 <u>M74HC377</u>	OCTAL D TYPE FLIP FLOP
 <u>M74HC386</u>	QUAD EXCLUSIVE OR GATE
 <u>M74HC390</u>	DUAL DECADE COUNTER
 <u>M74HC393</u>	DUAL BINARY COUNTER
 <u>M74HC4002</u>	DUAL 4 INPUT NOR GATE
 <u>M74HC40102</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS
 <u>M74HC40103</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS
 <u>M74HC4016</u>	QUAD BILATERAL SWITCH














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**High Speed CMOS**

 <u>M74HC4017</u>	DECADE COUNTER/DIVIDER
 <u>M74HC4020</u>	HC4040 12 STAGE BINARY COUNTER HC4020 14 STAGE BINARY COUNTER
 <u>M74HC4022</u>	OCTAL COUNTER/DIVIDER
 <u>M74HC4024</u>	7 STAGE BINARY COUNTER
 <u>M74HC4028</u>	BCD TO DECIMAL DECODER
 <u>M74HC4040</u>	HC4040 12 STAGE BINARY COUNTER HC4020 14 STAGE BINARY COUNTER
 <u>M74HC4049</u>	HC4050 HEX BUFFER/CONVERTER HC4049 HEX BUFFER/CONVERTER (INVERTER)
 <u>M74HC4050</u>	HC4050 HEX BUFFER/CONVERTER HC4049 HEX BUFFER/CONVERTER (INVERTER)
 <u>M74HC4051</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M74HC4052</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M74HC4053</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
 <u>M74HC4060</u>	14 STAGE BINARY COUNTER/OSCILLATOR
 <u>M74HC4066</u>	QUAD BILATERAL SWITCH













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**High Speed CMOS**

 <u>M74HC4072</u>	DUAL 4 INPUT OR GATE
 <u>M74HC4075</u>	TRIPLE 3 INPUT OR GATE
 <u>M74HC4078</u>	8 INPUT NOR/OR GATE
 <u>M74HC4094</u>	8 BIT SIPO SHIFT LATCH REGISTER (3-STATE)
 <u>M74HC42</u>	BCD TO DECIMAL DECODER
 <u>M74HC423</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M74HC423A</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M74HC4316</u>	QUAD BILATERAL SWITCH
 <u>M74HC4351</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
 <u>M74HC4352</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
 <u>M74HC4353</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER WITH ADDRESS LAT
 <u>M74HC4511</u>	BCD TO 7 SEGMENT LATCH/DECODER DRIVER
 <u>M74HC4514</u>	HC4515 4 TO 16 LINE DECODER LATCH (INV.) HC4514 4 TO 16 LINE DECODER/LATCH













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 <u>M74HC4515</u>	HC4515 4 TO 16 LINE DECODER LATCH (INV.) HC4514 4 TO 16 LINE DECODER/LATCH
 <u>M74HC4518</u>	HC4520 DUAL 4 BIT BINARY COUNTER HC4518 DUAL DECADE COUNTER
 <u>M74HC4520</u>	HC4520 DUAL 4 BIT BINARY COUNTER HC4518 DUAL DECADE COUNTER
 <u>M74HC4538</u>	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
 <u>M74HC4543</u>	BCD TO 7 SEGMENT LATCH/DECODER/LCD DRIVER
 <u>M74HC51</u>	DUAL 2 WIDE 2 INPUT AND/OR INVERT GATE
 <u>M74HC533</u>	HC373 NON INVERTING , HC533 INVERTING OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT
 <u>M74HC534</u>	HC374 NON INVERTING , HC534 INVERTING OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT
 <u>M74HC540</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC540 INVERTED , HC541 NON INVERTED
 <u>M74HC541</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC540 INVERTED , HC541 NON INVERTED
 <u>M74HC563</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HC563 INVERTING , HC573 NON INVERTING
 <u>M74HC564</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HC564 INVERTING , HC574 NON INVERTING

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 <u>M74HC573</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HC563 INVERTING , HC573 NON INVERTING
 <u>M74HC574</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HC564 INVERTING , HC574 NON INVERTING
 <u>M74HC590</u>	8 BIT BINARY COUNTER REGISTER (3 STATE)
 <u>M74HC592</u>	8 BIT REGISTER BINARY COUNTER
 <u>M74HC593</u>	8 BIT BINARY COUNTER WITH INPUT REGISTER (3-STATE)
 <u>M74HC595</u>	8 BIT SHIFT REGISTER WITH OUTPUT LATCHES (3 STATE)
 <u>M74HC597</u>	8 BIT LATCH/SHIFT REGISTER
 <u>M74HC620</u>	HC620 3 STATE INVERTING , HC623 3 STATE NON INVERTING OCTAL BUS TRANSCEIVER
 <u>M74HC623</u>	HC620 3 STATE INVERTING , HC623 3 STATE NON INVERTING OCTAL BUS TRANSCEIVER
 <u>M74HC640</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 <u>M74HC645</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
 <u>M74HC646</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3- STATE)

**High Speed CMOS**

 <u>M74HC648</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M74HC651</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M74HC652</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M74HC670</u>	4 WORD X 4 BIT REGISTER FILE (3 STATE)
 <u>M74HC688</u>	8 BIT EQUALITY COMPARATOR
 <u>M74HC690</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M74HC691</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M74HC692</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M74HC693</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
 <u>M74HC696</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M74HC697</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
















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**High Speed CMOS**

 <u>M74HC698</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M74HC699</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
 <u>M74HC7240</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M74HC7241</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M74HC7244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
 <u>M74HC7245</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 <u>M74HC7266</u>	HC7266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
 <u>M74HC7292</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M74HC7294</u>	PROGRAMMABLE DIVIDER/TIMER
 <u>M74HC73</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
 <u>M74HC74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
 <u>M74HC75</u>	4 BIT D TYPE LATCH
 <u>M74HC76</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR

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**High Speed CMOS**

 <u>M74HC7640</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 <u>M74HC7643</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 <u>M74HC7645</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
 <u>M74HC77</u>	4-BIT D-TYPE LATCH
 <u>M74HC85</u>	4-BIT MAGNITUDE COMPARATOR
 <u>M74HC86</u>	QUAD EXCLUSIVE OR GATE
 <u>M74HCT00</u>	QUAD 2-INPUT NAND GATE
 <u>M74HCT02</u>	QUAD 2-INPUT NOR GATE
 <u>M74HCT04</u>	HEX INVERTER
 <u>M74HCT08</u>	QUAD 2-INPUT AND GATE
 <u>M74HCT10</u>	TRIPLE 3-INPUT NAND GATE
 <u>M74HCT125</u>	QUAD BUS BUFFERS (3-STATE)
 <u>M74HCT126</u>	QUAD BUS BUFFERS (3-STATE)
 <u>M74HCT137</u>	3 TO 8 LINE DECODER/LATCH (INVERTING)
 <u>M74HCT138</u>	3 TO 8 LINE DECODER (INVERTING)













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**High Speed CMOS**

 M74HCT139	DUAL 2 TO 4 DECODER/DEMULTIPLEXER
 M74HCT14	HEX SCHMITT INVERTER
 M74HCT157	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 M74HCT158	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
 M74HCT160	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M74HCT161	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M74HCT162	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M74HCT163	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
 M74HCT164	8 BIT SIPO SHIFT REGISTER
 M74HCT165	8 BIT PISO SHIFT REGISTER
 M74HCT174	HEX D-TYPE FLIP FLOP WITH CLEAR
 M74HCT240	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED
 M74HCT240P U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 M74HCT241	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED













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**High Speed CMOS**

 <u>M74HCT241P</u> U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 <u>M74HCT244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED
 <u>M74HCT244P</u> U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
 <u>M74HCT245</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO
 <u>M74HCT257</u>	HCT258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HCT257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
 <u>M74HCT258</u>	HCT258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HCT257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
 <u>M74HCT27</u>	TRIPLE 3-INPUT NOR GATE
 <u>M74HCT273</u>	OCTAL D TYPE FLIP FLOP WITH CLEAR
 <u>M74HCT30</u>	8 INPUT NAND GATE
 <u>M74HCT32</u>	QUAD 2-INPUT OR GATE
 <u>M74HCT367</u>	HCT367 NON INVERTING, HCT368 INVERTING HEX BUS BUFFER (3-STATE)
 <u>M74HCT368</u>	HCT367 NON INVERTING, HCT368 INVERTING HEX BUS BUFFER (3-STATE)













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**High Speed CMOS**

 <u>M74HCT373</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
 <u>M74HCT374</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
 <u>M74HCT393</u>	DUAL BINARY COUNTER
 <u>M74HCT533</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
 <u>M74HCT534</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
 <u>M74HCT540</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
 <u>M74HCT541</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
 <u>M74HCT563</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
 <u>M74HCT564</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
 <u>M74HCT573</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
 <u>M74HCT574</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
 <u>M74HCT640</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO

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**High Speed CMOS**

 <u>M74HCT643</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO
 <u>M74HCT646</u>	HCT648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) HCT646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M74HCT648</u>	HCT648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) HCT646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
 <u>M74HCT651</u>	HCT652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) HCT651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M74HCT652</u>	HCT652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) HCT651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
 <u>M74HCT688</u>	8 BIT EQUALITY COMPARATOR
 <u>M74HCT7007</u>	HEX BUFFER
 <u>M74HCT7259</u>	(OPEN DRAIN, INVERTING OUTPUT) 8 BIT ADDRESSABLE LATCH/DECODER/RELAIS DRIVER
 <u>M74HCT74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
 <u>M74HCT75</u>	4 BIT D TYPE LATCH
 <u>M74HCT86</u>	QUAD EXCLUSIVE OR GATE
 <u>M74HCU04</u>	HEX INVERTER (SINGLE STAGE)

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