



High Speed CMOS

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

**High Speed CMOS**

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

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

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

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High Speed CMOS

<u>ST M54HC242</u>	QUAD BUS TRANSCEIVER (3-STATE)
<u>ST M54HC243</u>	QUAD BUS TRANSCEIVER (3-STATE)
<u>ST M54HC244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC240 INVERTED , HC241/244 NON INVERTED
<u>ST M54HC245</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC245 NON INVERTING HC640 INVERTING , HC643 INVERTING/NON IN
<u>ST M54HC251</u>	8 BIT SIPO SHIFT REGISTER
<u>ST M54HC253</u>	HC153 DUAL 4 CHANNEL MULTIPLEXER, HC253 DUAL 4 CHANNEL MULTIPLEXER 3 STATE OUTPUT
<u>ST M54HC257</u>	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
<u>ST M54HC258</u>	HC258 QUAD 2 CHANNEL MULTIPLEXER (3-STATE, INVERTING) HC257 QUAD 2 CHANNEL MULTIPLEXER (3-STATE)
<u>ST M54HC259</u>	8 BIT ADDRESSABLE LATCH
<u>ST M54HC266</u>	HC7266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
<u>ST M54HC27</u>	TRIPLE 3-INPUT NOR GATE
<u>ST M54HC273</u>	OCTAL D TYPE FLIP FLOP WITH CLEAR
<u>ST M54HC279</u>	QUAD S-R LATCH

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

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**High Speed CMOS**

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

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**High Speed CMOS**

 <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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**High Speed CMOS**

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

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

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

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<u>ST M54HC648</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
<u>ST M54HC651</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
<u>ST M54HC652</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
<u>ST M54HC670</u>	4 WORD X 4 BIT REGISTER FILE (3 STATE)
<u>ST M54HC688</u>	8 BIT EQUALITY COMPARATOR
<u>ST M54HC690</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M54HC691</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M54HC692</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M54HC693</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M54HC696</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST 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>ST M54HC698</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST M54HC699</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST M54HC7240</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M54HC7241</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M54HC7244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M54HC7245</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
<u>ST M54HC7266</u>	HC7266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
<u>ST M54HC7292</u>	PROGRAMMABLE DIVIDER/TIMER
<u>ST M54HC7294</u>	PROGRAMMABLE DIVIDER/TIMER
<u>ST M54HC73</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
<u>ST M54HC74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
<u>ST M54HC75</u>	4 BIT D TYPE LATCH
<u>ST M54HC76</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR

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

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<u>ST M54HCT139</u>	DUAL 2 TO 4 DECODER/DEMULTIPLEXER
<u>ST M54HCT14</u>	HEX SCHMITT INVERTER
<u>ST M54HCT157</u>	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
<u>ST M54HCT158</u>	HCT157 QUAD 2 CHANNEL MULTIPLEXER, HCT158 QUAD 2 CHANNEL MULTIPLEXER (INV.)
<u>ST M54HCT160</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
<u>ST M54HCT161</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
<u>ST M54HCT162</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
<u>ST M54HCT163</u>	SYNCHRONOUS PRESETTABLE 4-BIT COUNTER
<u>ST M54HCT164</u>	8 BIT SIPO SHIFT REGISTER
<u>ST M54HCT165</u>	8 BIT PISO SHIFT REGISTER
<u>ST M54HCT174</u>	HEX D-TYPE FLIP FLOP WITH CLEAR
<u>ST M54HCT240</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT240 INVERTED , HCT241/244 NON INVERTED
<u>ST M54HCT240P</u> U	OCTAL BUS BUFFERS WITH PULL-UP INPUT NETWORK
<u>ST M54HCT241</u>	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>ST M54HCT373</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
<u>ST M54HCT374</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
<u>ST M54HCT393</u>	DUAL BINARY COUNTER
<u>ST M54HCT533</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT373 NON INVERTING , HCT533 INVERTING
<u>ST M54HCT534</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT374 NON INVERTING , HCT534 INVERTING
<u>ST M54HCT540</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
<u>ST M54HCT541</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HCT540 INVERTED , HCT541 NON INVERTED
<u>ST M54HCT563</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
<u>ST M54HCT564</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
<u>ST M54HCT573</u>	OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT HCT563 INVERTING , HCT573 NON INVERTING
<u>ST M54HCT574</u>	OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT HCT564 INVERTING , HCT574 NON INVERTING
<u>ST M54HCT640</u>	HCT640 INVERTING, HCT643 INVERTING/NON INVERTING OCTAL BUS TRANSCEIVER (3-STATE) HCT245 NO

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

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High Speed CMOS

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

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**High Speed CMOS**

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

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High Speed CMOS

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

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**High Speed CMOS**

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

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**High Speed CMOS**

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

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**High Speed CMOS**

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

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**High Speed CMOS**

<u>ST M74HC366</u>	HC365 NON INVERTING , HC366 INVERTING HEX BUS BUFFER (3-STATE)
<u>ST M74HC367</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
<u>ST M74HC368</u>	HC367 NON INVERTING , HC368 INVERTING HEX BUS BUFFER (3-STATE)
<u>ST M74HC373</u>	HC373 NON INVERTING , HC533 INVERTING OCTAL D-TYPE LATCH WITH 3 STATE OUTPUT
<u>ST M74HC374</u>	HC374 NON INVERTING , HC534 INVERTING OCTAL D-TYPE FLIP FLOP WITH 3 STATE OUTPUT
<u>ST M74HC375</u>	QUAD D TYPE LATCH
<u>ST M74HC377</u>	OCTAL D TYPE FLIP FLOP
<u>ST M74HC386</u>	QUAD EXCLUSIVE OR GATE
<u>ST M74HC390</u>	DUAL DECADE COUNTER
<u>ST M74HC393</u>	DUAL BINARY COUNTER
<u>ST M74HC4002</u>	DUAL 4 INPUT NOR GATE
<u>ST M74HC40102</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS
<u>ST M74HC40103</u>	8 STAGE PRESETTABLE SYNCHRONOUS DOWN COUNTERS
<u>ST 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/DEMUTIPLEXER
 <u>M74HC4052</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
 <u>M74HC4053</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
 <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/DEMUTIPLEXER WITH ADDRESS LAT
 <u>M74HC4352</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER WITH ADDRESS LAT
 <u>M74HC4353</u>	SINGLE 8 CHANNEL, DUAL 4 CHANNEL, TRIPLE 2 CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER 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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**High Speed CMOS**

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

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High Speed CMOS

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

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High Speed CMOS

<u>ST M74HC648</u>	HC648 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.) , HC646 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE)
<u>ST M74HC651</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
<u>ST M74HC652</u>	HC652 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE) , HC651 OCTAL BUS TRANSCEIVER/REGISTER (3-STATE, INV.)
<u>ST M74HC670</u>	4 WORD X 4 BIT REGISTER FILE (3 STATE)
<u>ST M74HC688</u>	8 BIT EQUALITY COMPARATOR
<u>ST M74HC690</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M74HC691</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M74HC692</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M74HC693</u>	HC691/693 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC690/692 DECADE COUNTER/REGISTER (3-STATE)
<u>ST M74HC696</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST 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>ST M74HC698</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST M74HC699</u>	HC697/699 U/D 4 BIT BINARY COUNTER/REGISTER (3-STATE) , HC696/698 U/D DECADE COUNTER/REGISTER (3-STA
<u>ST M74HC7240</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M74HC7241</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M74HC7244</u>	OCTAL BUS BUFFER WITH 3 STATE OUTPUTS HC7240 INVERTED , HC7241/7244 NON INVERTED
<u>ST M74HC7245</u>	OCTAL BUS TRANSCEIVER (3-STATE) HC7640 INVERTING , HC7643 INVERTING/NON INVERTING
<u>ST M74HC7266</u>	HC7266 QUAD EXCLUSIVE NOR GATE HC266 QUAD EXCLUSIVE NOR GATE WITH OPEN DRAIN
<u>ST M74HC7292</u>	PROGRAMMABLE DIVIDER/TIMER
<u>ST M74HC7294</u>	PROGRAMMABLE DIVIDER/TIMER
<u>ST M74HC73</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR
<u>ST M74HC74</u>	DUAL D TYPE FLIP FLOP WITH PRESET AND CLEAR
<u>ST M74HC75</u>	4 BIT D TYPE LATCH
<u>ST M74HC76</u>	DUAL J-K FLIP FLOP WITH PRESET AND CLEAR

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**High Speed CMOS**

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

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High Speed CMOS

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

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High Speed CMOS

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

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**High Speed CMOS**

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

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

** To obtain a copy of a document marked with an asterisk, please contact your local Sales Office*