

Logic
74F Fast TTL Logic Devices

| Mfr.'s Type | | Description | No. of Leads |
|-------------|----------|--|--------------|
| PDIP | SOIC | | |
| 74F00N | — | Quad 2-Input NAND Gate | 14 |
| 74F02N | — | Quad 2-Input NOR Gate | 14 |
| 74F04N | — | Hex Inverter | 14 |
| 74F08N | — | Quad 2-Input AND Gate | 14 |
| 74F14N | — | Hex Inverter Schmitt-trigger | 14 |
| 74F32N | 74F32D | Quad 2-Input OR Gate | 14 |
| 74F37N | — | Quad 2-Input NAND Buffer 14 A | 14 |
| — | 74F138D | Quad 2-Input NAND Buffer, OC | 20 |
| 74F132N | — | Quad 2-Input NAND Buffer Schmitt-trigger | 14 |
| 74F139N | — | Dual 2 to 4 Decoder, INV | 16 |
| 74F148N | — | 8 to 3 Line Priority Encoder | 16 |
| 74F157AN | — | Quad 2 to 1 Multiplexer | 16 |
| — | 74F158AD | Quad 2 to 1 Multiplexer, Inv. | 16 |
| 74F161AN | — | Synchronous 4-Bit Binary Counter, Asynchronous reset | 16 |
| 74F164N | — | 8-Bit SI-PO Shift Register | 14 |
| 74F241N | — | Octal Buffer, 3-state | 20 |
| 74F244N | — | Octal Buffer, 3-state | 20 |
| 74F269N | — | Synchronous Presettable 8-Bit Bidirectional Binary Counter | 24 |
| 74F367N | — | Hex Buffer, 4-Bit & 2-Bit, 3-state | 16 |
| 74F374N | — | Octal D-Type Flip-Flop, 3-state | 20 |
| 74F543N | — | Octal Registered Transceiver, 3-state (*245+*373) | 24 |
| 74F579N | — | 8-Bit Bidirectional Binary Counter, Common I/O, 3-state | 20 |
| — | 74F623D | Octal Transceiver, 3-state | 20 |

74HCT High Speed TTL Compatible CMOS and 74HC CMOS Logic Devices

| Mfr.'s Type | | | | Description | No. of Leads |
|-------------|-----------|------------|------------|--|--------------|
| 74HCT Logic | | 74HC Logic | | | |
| PDIP | SOIC | PDIP | SOIC | | |
| 74HCT00N | 74HCT00D | 74HC00N | 74HC00D | Quad 2-Input NAND Gate | 14 |
| 74HCT02N | — | 74HC02N | — | Quad 2-Input NOR Gate | 14 |
| 74HCT04N | 74HCT04D | 74HC04N | 74HC04D | Hex Inverter | 14 |
| 74HCT08N | 74HCT08D | 74HC08N | 74HC08D | Quad 2-Input AND Gate | 14 |
| 74HCT10N | — | — | — | Triple 3-Input NAND Gate | 14 |
| 74HCT123N | 74HCT123D | 74HC123N | 74HC123D | Dual Retriggerable Monostable Multivibrator | 16 |
| 74HCT125N | 74HCT125D | — | — | Quad 3-State Bus Buffer | 14 |
| 74HCT132N | — | 74HC132N | 74HC132D | Quad 2-Input NAND Schmitt Trigger | 14 |
| 74HCT138N | 74HCT138D | 74HC138N | 74HC138D | 1-of-8 Decoder/Demultiplexer | 16 |
| 74HCT139N | — | — | — | Dual 1-of-4 Decoder/Demultiplexer | 16 |
| 74HCT14N | 74HCT14D | 74HC14N | 74HC14D | Hex Schmitt Trigger | 14 |
| 74HCT151N | — | — | — | 8-Input Multiplexer | 16 |
| 74HCT154N | — | — | — | 1-of-6 Decoder/Demultiplexer | 24 |
| 74HCT157N | 74HCT157D | — | 74HC157D | Quad 2-Input Multiplexer | 16 |
| 74HCT161N | — | — | — | 4-Bit Binary Counter | 16 |
| 74HCT164N | 74HCT164D | — | — | 8-Bit Serial In/Parallel Out Shift Register | 14 |
| 74HCT165N | — | — | — | Parallel Load 8-Bit Shift Register | 16 |
| 74HCT174N | — | — | — | Hex D-Type Flip-Flop with Clear | 16 |
| 74HCT175N | — | — | — | Quad D-Type Flip-Flop, Edge Triggered | 16 |
| — | — | 74HC191N | — | Synchronous Binary Up/Down Counter | 16 |
| 74HCT20N | — | — | — | Dual 4-Input NAND Gate | 14 |
| 74HCT238N | — | 74HC238N | — | 1-to-8 Decoder/Demultiplexer | 16 |
| 74HCT240N | — | — | — | Octal 3-State Buffer, Inverting | 20 |
| 74HCT244N | 74HCT244D | 74HC244N | 74HC244D | Octal 3-State Driver | 20 |
| 74HCT245N | 74HCT245D | 74HC245N | 74HC245D | Octal Transceiver, 3-State | 20 |
| 74HCT259N | 74HCT259D | 74HC259N | — | 8-Bit Addressable Latch | 16 |
| 74HCT273N | — | 74HC273N | — | Triple 3-Input NOR Gate | 14 |
| 74HCT32N | — | 74HC32N | 74HC32D | Quad D-Type Flip-Flop | 20 |
| 74HCT365N | — | — | — | Quad 2-Input OR Gate | 14 |
| 74HCT367N | — | — | — | Hex Buffer with Common Enable, 3-State | 16 |
| — | — | — | — | Hex Buffer, 4-Bit and 2-Bit, 3-State | 16 |
| 74HCT374N | — | 74HC373N | 74HC373D | Octal 3-State Latch | 20 |
| — | — | 74HC374N | — | Octal D Flip-Flop, 3-State | 20 |
| — | — | 74HC377N | — | Octal D Flip-Flop with Enable | 20 |
| 74HCT393N | 74HCT393D | — | 74HC393D | Dual Binary Ripple Counter | 14 |
| — | — | 74HC40103N | — | 8-Bit Binary Down Counter | 16 |
| 74HCT4040N | — | 74HC4040N | — | 12-Stage Binary Counter | 16 |
| 74HCT4046AN | — | — | — | Phase Locked Loop with VCO | 16 |
| 74HCT4051N | — | 74HC4051N | — | 8-Channel Multiplexer/Demultiplexer | 16 |
| — | — | 74HC4052N | — | Dual 4-Channel Analog Multiplexer/Demultiplexer | 16 |
| — | — | 74HC4053N | — | Triple 2-Channel Multiplexer/Demultiplexer | 16 |
| — | — | — | 74HC4066D | Quad Bilateral Switch | 14 |
| 74HCT4538N | — | 74HC423N | — | Dual Retriggerable Monostable Multivibrator | 16 |
| 74HCT4540N | — | 74HC4538N | 74HC4538D | Dual Monostable Multivibrator | 16 |
| 74HCT4541N | — | — | — | Octal Inverting Buffer, 3-State | 20 |
| 74HCT4573N | — | 74HC541N | 74HC541D | Octal Buffer, 3-State | 20 |
| 74HCT4574N | — | 74HC573N | 74HC573D | Octal 3-State Transparent Latch | 20 |
| — | — | 74HC574N | — | Octal D-Type Flip-Flop, Positive Edge Triggered, 3-State | 20 |
| — | — | 74HC597N | — | 8-Bit Shift Register with Input Latch | 16 |
| 74HCT640N | — | — | — | Octal 3-State Transceiver, Inverting | 20 |
| 74HCT688N | 74HCT688D | — | — | 9-Bit Magnitude Comparator | 20 |
| — | — | — | 74HC7046AD | Phase Locked Loop with Lock | 16 |
| 74HCT74N | 74HCT74D | 74HC74N | 74HC74D | Dual D-Type Edge Triggered Flip-Flop | 14 |
| 74HCT86N | — | 74HC86N | 74HC86D | Quad 2-Input Exclusive OR Gate | 14 |