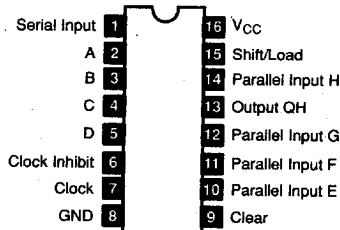


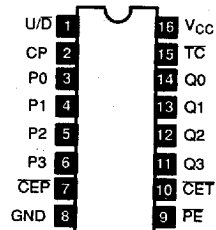
# INTEGRATED CIRCUITS - TTL

## (TRANSISTOR TRANSISTOR LOGIC)

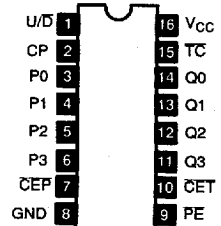
**NTE74166, NTE74LS166** 16-Lead DIP, See Diag. 249  
8-Bit Parallel or Serial-In/Serial-Out Shift Register



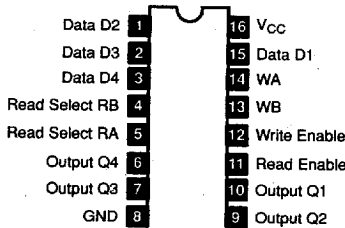
**NTE74LS168A** 16-Lead DIP, See Diag. 249  
Synchronous Presettable BCD Decade Up/Down Counter



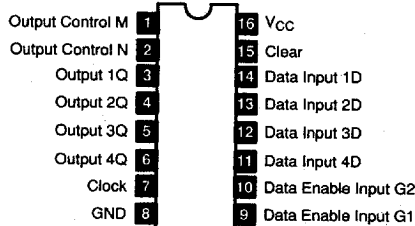
**NTE74LS169A** 16-Lead DIP, See Diag. 249  
Synchronous Presettable 4-Bit Binary Up/Down Counter



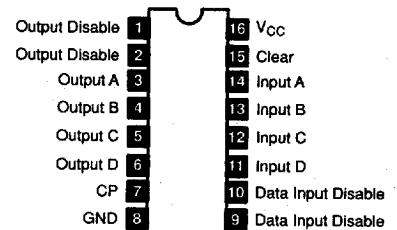
**NTE74170, NTE74LS170** 16-Lead DIP, See Diag. 249  
4-by-4-Register File w/Open Collector Output



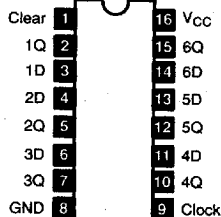
**NTE74173, NTE74HC173, NTE74LS173A** 16-Lead DIP, See Diag. 249  
4-Bit D-Type Flip-Flop w/3-State Outputs



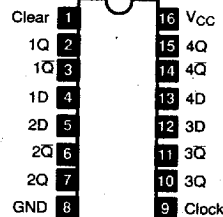
**NTE74C173** 16-Lead DIP, See Diag. 249  
4-Bit D-Type Flip-Flop w/3-State Outputs



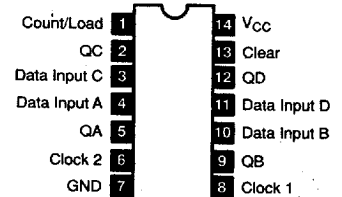
**NTE74174, NTE74C174, NTE74HC174, NTE74HC174, NTE74S174** 16-Lead DIP, See Diag. 249  
Hex D-Type Flip-Flop w/Serial Rail Outputs & Common Direct Clear



**NTE74175, NTE74C175, NTE74HC175, NTE74S175** 16-Lead DIP, See Diag. 249  
Quad D-Type Flip-Flop w/Common Direct Clear & Complementary Outputs

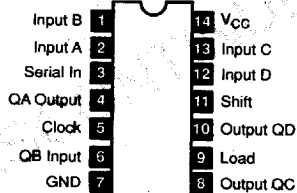


**NTE74176, NTE74177** 14-Lead DIP, See Diag. 247  
Presettable Counter/Latch

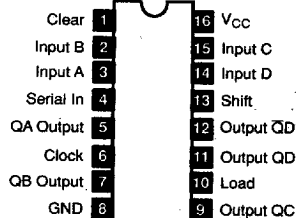


**NTE74176:** Decade  
**NTE74177:** Binary

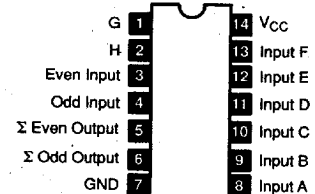
**NTE74178** 14-Lead DIP, See Diag. 247  
Universal Shift Register



**NTE74179** 16-Lead DIP, See Diag. 249  
4-Bit Universal Shift Register w/Direct Clear



**NTE74180** 14-Lead DIP, See Diag. 247  
9-Bit Odd/Even Parity Generator/Checker



See Diagrams, beginning on Page 1-293

NTE Electronics, Inc. • Voice (800) 631-1250 (201) 748-5089 • FAX (201) 748-6224

1-269

D 90E 6431259 0003773 577