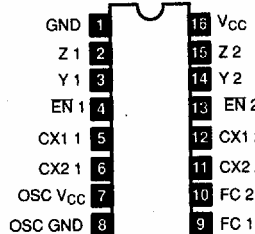


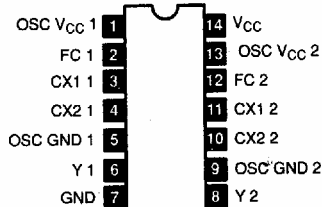
# INTEGRATED CIRCUITS – TTL

## (TRANSISTOR TRANSISTOR LOGIC)

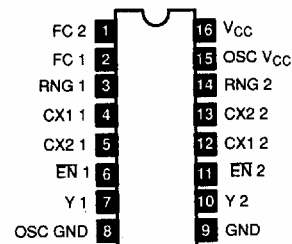
**NTE74LS626** 16-Lead DIP, See Diag. 249  
Dual Voltage Controlled Oscillator



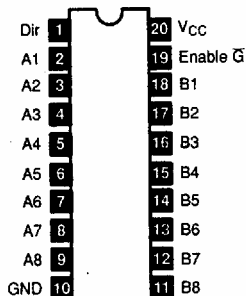
**NTE74LS627** 14-Lead DIP, See Diag. 247  
Dual Voltage Controlled Oscillator



**NTE74LS629** 16-Lead DIP, See Diag. 249  
Dual Voltage Controlled Oscillator

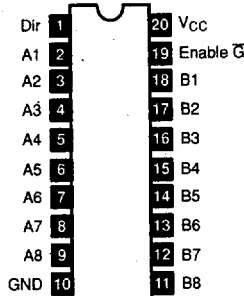


**NTE74LS640, NTE74LS642** 20-Lead DIP, See Diag. 294  
Inverting Octal Bus Transceiver



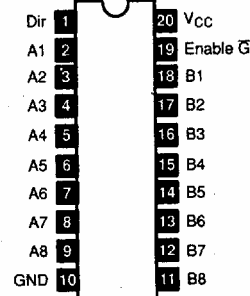
**NTE74LS640:**  $\bar{w}$ /3-State Outputs  
**NTE74LS642:**  $\bar{w}$ /Open Collector Outputs

**NTE74LS641, NTE74LS645** 20-Lead DIP, See Diag. 294  
Non-Inverting Octal Bus Transceiver

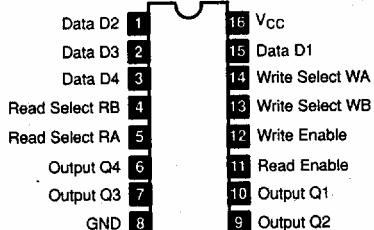


**NTE74LS641:**  $\bar{w}$ /Open Collector Outputs  
**NTE74LS645:**  $\bar{w}$ /3-State Outputs

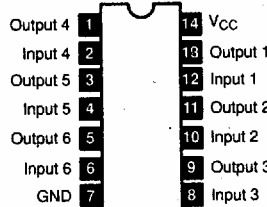
**NTE74LS643** 14-Lead DIP, See Diag. 294  
True & Inverting Octal Bus Transceiver  
 $\bar{w}$ /3-State Outputs



**NTE74LS670** 16-Lead DIP, See Diag. 249  
4-by-4 Register File  $\bar{w}$ /Simultaneous Read/Write, 3-State Outputs, & Expandable to 1024 Words

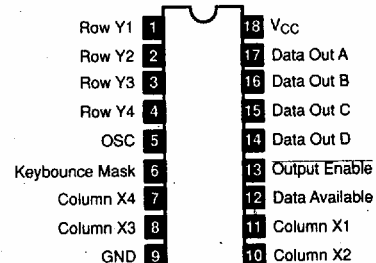


**NTE74C901, NTE74C902, NTE74C903, NTE74C904** 14-Lead DIP, See Diag. 247  
Hex Buffer (CMOS)

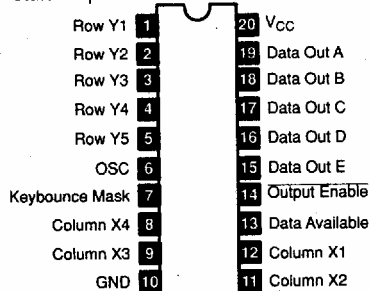


**NTE74C901:** TTL, Inverting Outputs  
**NTE74C902:** TTL, Non-Inverting Outputs  
**NTE74C903:** DMOS, Inverting Outputs  
**NTE74C904:** DMOS, Non-Inverting Outputs

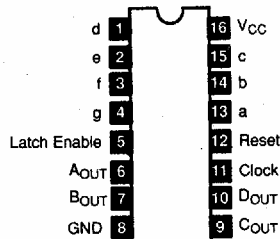
**NTE74C922** 18-Lead DIP, See Diag. 298  
CMOS, 16-Key Keyboard Encoder  
 $\bar{w}$ /3-State Output



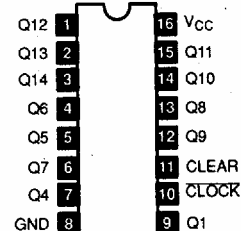
**NTE74C923** 20-Lead DIP, See Diag. 294  
CMOS, 20-Key Keyboard Encoder  
 $\bar{w}$ /3-State Output



**NTE74C925** 16-Lead DIP, See Diag. 249  
4-Digit Counter  $\bar{w}$ /Multiplexed Seven-Segment Output Driver



**NTE74HC4020** 16-Lead DIP, See Diag. 249  
14-Stage Binary Counter (CMOS)



See Diagrams, beginning on Page 1-293