

## PART NUMBER

### **SN54F64JB-ROCV**

#### **Rochester Electronics Manufactured Components**

Rochester branded components are manufactured using either die/wafers purchased from the original suppliers or Rochester wafers recreated from the original IP. All re-creations are done with the approval of the Original Component Manufacturer. (OCM)

Parts are tested using original factory test programs or Rochester developed test solutions to guarantee product meets or exceeds the OCM data sheet.

#### **Quality Overview**

- ISO-9001
  - AS9120 certification
  - Qualified Manufacturers List (QML) MIL-PRF-38535
    - Class Q Military
    - Class V Space Level
- Qualified Suppliers List of Distributors (QSLD)
- Rochester is a critical supplier to DLA and meets all industry and DLA standards.

Rochester Electronics, LLC is committed to supplying products that satisfy customer expectations for quality and are equal to those originally supplied by industry manufacturers.

*The original manufacturer's datasheet accompanying this document reflects the performance and specifications of the Rochester manufactured version of this device. Rochester Electronics guarantees the performance of its semiconductor products to the original OCM specifications. 'Typical' values are for reference purposes only. Certain minimum or maximum ratings may be based on product characterization, design, simulation, or sample testing.*

## 54F64

### 4-2-3-2 Input AND-OR-Invert Gates

These devices contain 4-2-3-2 input AND-OR-INVERT gates. They perform the Boolean function  $Y = ABCD + EF + GHI + JK$ . The 'F64 has totem-pole outputs.

The SN54F64 is characterized for operation over the full military temperature range of -55°C to 125°C. The SN74F64 is characterized for operation from 0°C to 70°C.

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**FOR REFERENCE ONLY**

## SN54F64, SN74F64 4-2-3-2 INPUT AND-OR-INVERT GATES

D3178, AUGUST 1988—REVISED JANUARY 1989

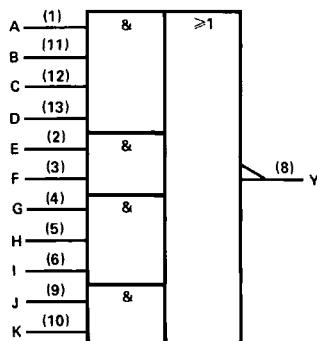
- **Package Options Include Plastic "Small Outline" Packages, Ceramic Chip Carriers, and Standard Plastic and Ceramic 300-mil DIPs**
- **Dependable Texas Instruments Quality and Reliability**

### description

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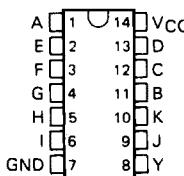
### logic symbol†



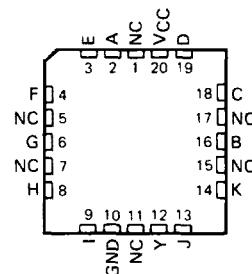
†This symbol is in accordance with ANSI/IEEE Std 91-1984 and IEC Publication 617-12.

Pin numbers shown are for D, J, and N packages.

SN54F64 . . . J PACKAGE  
SN74F64 . . . D OR N PACKAGE  
(TOP VIEW)



SN54F64 . . . FK PACKAGE  
(TOP VIEW)



NC—No internal connection

### logic diagram (each device) (positive logic)

