



# Extension-of-Life<sup>®</sup>

End-of-life solutions from Rochester Electronics



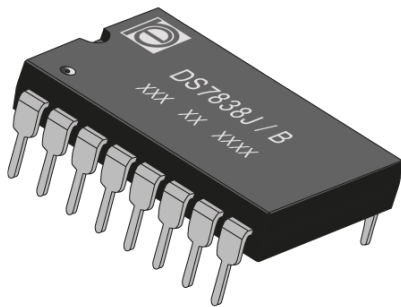
## – NEW PRODUCT INTRODUCTION – **DS7838J/B**

Rochester Electronics has re-introduced and continues to manufacture critically needed semiconductors with the full authorization of the original manufacturer and an attention to quality that meets or exceeds the original component.

Original Manufacturer:



Re-introduced by  
Rochester Electronics on  
**May, 14, 2012**



### **DS7838J/B**

Original Part Number: **DS7838J**

Description: **Quad Unified Bus Transceiver**

Package: **16 pin DIP**

Manufacturing Flow: **/B**

Manufacturing Type:

**made from original National Semi wafers**

### **Related Devices**

[ by temperature / package type / speed / application ]

<b>DS7838J</b>	<b>DS7838W-MIL</b>
<b>DS7838J/883</b>	<b>DS7838W/883</b>
<b>DS7838J/883B</b>	<b>DS8838J</b>
<b>DS7838J/883C</b>	<b>DS8838M</b>
<b>DS7838J/A+</b>	<b>DS8838N</b>

# HIGH-SPEED BUS TRANSCEIVER featuring four driver/receiver pairs

The Am7838 (and Am8838) are quad high-speed drivers/receivers designed for use in bus organized data transmission systems interconnected by terminated 120Ω impedance lines. The external termination is intended to be a 180Ω resistor from the bus to the +5V logic supply together

with a 390Ω resistor from the bus to the ground.

The Am7838 features four totally separate drive/receiver pairs per package. The 1V typical receiver input hysteresis is independent of receiver output load.



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