

IC CLK BUFFER 1:2 350MHZ 8-SOIC; HT SUSA CODE:8542390000

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	SOP8
Product Type	Clock & Timer ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 83026BMI-01LFT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The 83026I-01 is a low skew, 1-to-2 Differential-to- LVCMOS/LVTTL Fanout Buffer. The differential input can accept most differential signal types (LVPECL, LVDS, LVHSTL, HCSL and SSTL) and translate to two singleended LVCMOS/LVTTL outputs. The small 8-lead SOIC footprint makes this device ideal for use in applications with limited board space.

## Features

Two LVCMOS / LVTTTL outputs

Differential CLK, nCLK input pair

CLK, nCLK pair can accept the following differential input levels: LVPECL, LVDS, LVHSTL, HCSL, SSTL

Maximum output frequency: 350MHz

Output skew: 15ps (maximum)

Part-to-part skew: 600ps (maximum)

Additive phase jitter, RMS: 0.03ps (typical)

Small 8 lead SOIC package saves board space

3.3V core, 3.3V, 2.5V or 1.8V output operating supply

-40°C to 85°C ambient operating temperature

Available lead-free RoHS (6) package



## Related Products



### [83026BGI-01LF](#)

Renesas Technology Corp  
TSSOP-8



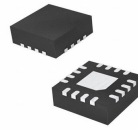
### [83058AGILFT](#)

Renesas Technology Corp  
16-TSSOP (0.173", 4.40mm Width)



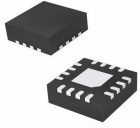
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TSSOP-16



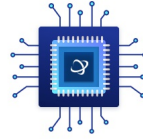
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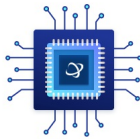
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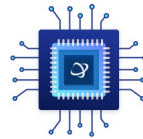
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