


Clock Multiplexer 4-OUT 2-IN 1:4 20-Pin TSSOP Tube

Manufacturer:	<u>Renesas Technology Corp</u>
Package/Case:	TSSOP20
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The 8535I-31 is a low skew, high performance 1-to-4 3.3V Crystal Oscillator/LVCMOS-to-3.3V LVPECL fanout buffer. The 8535I-31 has selectable single ended clock or crystal inputs. The single ended clock input accepts LVCMOS or LVTTTL input levels and translate them to 3.3V LVPECL levels. The output enable is internally synchronized to eliminate runt pulses on the outputs during asynchronous assertion/deassertion of the clock enable pin. Guaranteed output and part-to-part skew characteristics make the 8535I-31 ideal for those applications demanding well defined performance and repeatability.

Key Features

Four differential 3.3V LVPECL outputs

Selectable LVCMOS/LVTTTL CLK or crystal inputs

CLK can accept the following input levels: LVCMOS, LVTTTL

Maximum output frequency: 266MHz

Output skew: 30ps (typical)

Part-to-part skew: 200ps (maximum)

Propagation delay: 1.75ns (maximum)

Additive phase jitter, RMS: 0.057ps (typical)

Full 3.3V supply mode

-40°C to 85°C ambient operating temperature

Replaces the ICS8535I-11

Available in both standard (RoHS 5) and lead-free (RoHS 6) packages



Recommended For You

853S01AGILF

Renesas Technology Corp

TSSOP16

854S006AGILF

Renesas Technology Corp

TSSOP24

IS82C85

Renesas Technology Corp

PLCC

8V19N850DNLGI

Renesas Technology Corp

88-VFQFN

9ZXL0853EKILF

Renesas Technology Corp

VFQFPN-48

CS82C85

Renesas Technology Corp

PLCC

85102AGILF

Renesas Technology Corp

TSSOP-16

CSPT855PGGI

Renesas Technology Corp

TSSOP28

85314BGL-01LF

Renesas Technology Corp

TSSOP-20

CD82C85

Renesas Technology Corp

CDIP

853S12AKILF

Renesas Technology Corp

QFN

853S057AGILF

Renesas Technology Corp

TSSOP20

CSPT857CPA

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853S9252BKILF

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853S011BGILF

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TSSOP-8