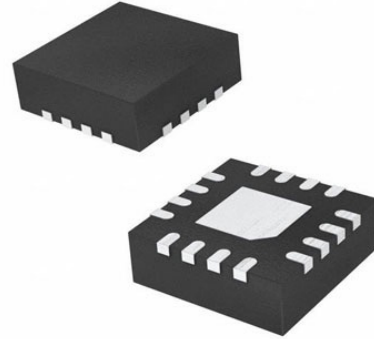


IC CLK BUFFER 2:1 2.5GHZ

Manufacturers	Renesas Technology Corp
Package/Case	16-VFQFN
Product Type	Clock & Timer ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 853S01AKILF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 853S01I is a high performance 2:1 Differential-to-LVPECL Multiplexer. The 853S01I can also perform differential translation because the differential inputs accept LVPECL and LVDS levels. The 853S01I is packaged in a small 3mm x 3mm 16 VFQFN package, making it ideal for use on space constrained boards.

Features

One LVPECL output pair

Two selectable differential LVPECL clock inputs

PCLKx, nPCLKx pairs can accept the following differential input levels: LVPECL, LVDS

Translates LVCMOS/LVTTL input signals to LVPECL levels by using a resistor bias network on nPCLKx, nPCLKx

Part-to-part skew: 150ps (maximum)

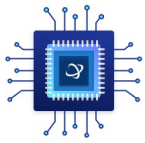
Propagation delay: 490ps (maximum)

Full 3.3V or 2.5V operating supply

-40°C to 85°C ambient operating temperature

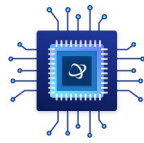
Available in lead-free (RoHS 6) packages

Related Products



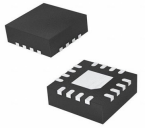
[854S054AGILF](#)

Renesas Technology Corp



[854S01AKILFT](#)

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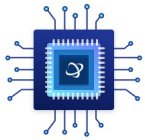
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Renesas Technology Corp
16-VFQFN



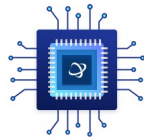
[853S014AGILFT](#)

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



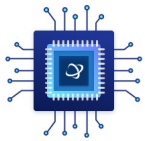
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Renesas Technology Corp



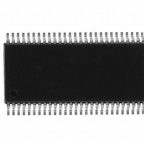
[5V41285PGGI8](#)

Renesas Technology Corp



[5V41285PGGI](#)

Renesas Technology Corp



[853S011BMILFT](#)

Renesas Technology Corp
8-SOIC (0.154, 3.90mm Width)