

Clock Generators & Support Products PCI-EXPRESS CLOCK SOURCE

Manufacturers	Renesas Technology Corp
Package/Case	SOIC-8
Product Type	Clock & Timer ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 557MI-01LF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 557-01 is a clock chip designed for use in PCI Express® Cards as a clock source. It provides a pair of differential outputs at 100 MHz in a small 8-pin SOIC package. Using IDT's patented Phase-Locked Loop (PLL) techniques, the device takes a 25 MHz crystal input and produces HCSL (Host Clock Signal Level) differential outputs at 100 MHz clock frequency. LVDS signal levels can also be supported via an alternative termination scheme.

Features

Supports PCI Express®TM HCSL Outputs 0.7 V current mode differential pair

Supports LVDS Output Levels

Packaged in 8-pin SOIC

RoHS 5 (green) or RoHS 6 (green and lead free) compliant packaging

Operating voltage of 3.3 V

Low power consumption

Input frequency of 25 MHz

Short term jitter 100 ps (peak-to-peak)

Output Enable via pin selection

Industrial temperature range available

For PCIe Gen2 applications, see the 5V41064

For PCIe Gen3 applications, see the 5V41234



Related Products



[ICM7555IBAZ-T](#)

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SOIC-8



[553MILFT](#)

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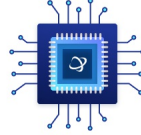
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