

CK440Q PCIe Gen6 Server Clock Generator

Manufacturers

[Renesas Technology Corp](#)

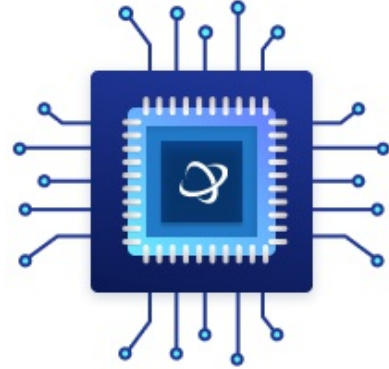
Package/Case

Product Type

Clock & Timer ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for 9SQ440NQQI8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

PCIe Gen6 phase jitter < 40fs rms

3 x 25MHz dedicated output pairs

7 x 100MHz dedicated output pairs with individual OE# pins

9 MXCLK output pairs multiplexable between 100MHz and 25MHz

3.3V operation

85Ω differential Low-Power HCSL (LP-HCSL) outputs eliminate 80 resistors, saving 130mm² of area

9 selectable SMBus addresses

Supports 0%, -0.3% and -0.5% spread-spectrum amounts

Side-Band Interface allows real-time hardware control of all output enables

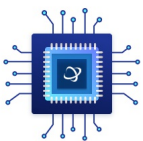
OE# pin control of 100M[6:0] supports PCIe slot CLKREQ#

Dedicated Platform Time input and output clocks (PFT_IN and PFT_OUT)

8 × 8 mm dual-row 100-VFQFPN

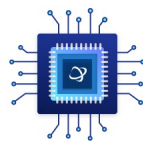
-40°C to +85°C operating temperature range

Related Products



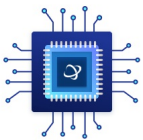
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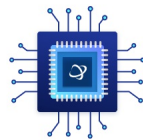
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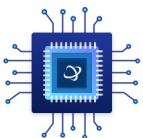
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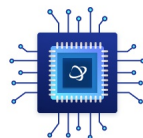
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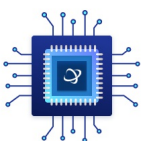
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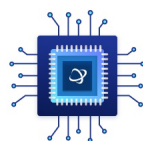
[8T79S308NLGI/W](#)

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