

IC SER RAPIDIO SWITCH 784FCBGA

Manufacturers [Renesas Technology Corp](#)

Package/Case 784-BBGA, FCBGA

Product Type Integrated Circuits (ICs)

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for 80HCPS1848CHMGI or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Designed to Serial RapidIO 2.1 Specification

48 lanes, with up to 12x4, 18x2, 18x1 port configurations

6 Enhanced quads configurable as 1x4, 2x2, 4x1

6 quads configurable as 1x4, 1x2, 1x1

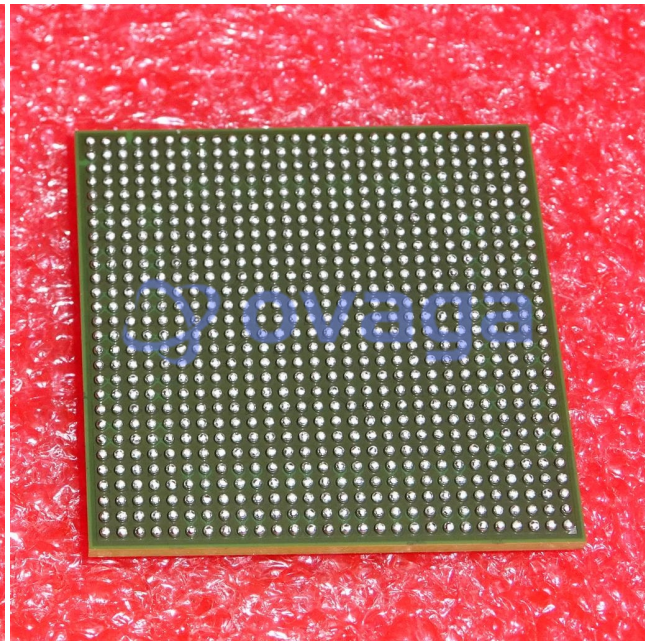
Full-duplex 240 Gbps non-blocking bandwidth

1.25, 2.5, 3.125, 5.0, or 6.25 Gbaud

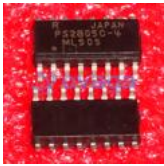
29x29 FCBGA

Long reach 100-cm² connector

As low as 300mW per 10 Gbps data rate is up to 40% more power efficient vs. RapidIO 1.3 switches



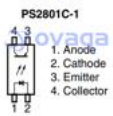
Related Products



[PS2805C-4](#)

Renesas Technology Corp
SOP16

PIN CONNECTION
(Top View)



[PS2801C-1](#)

Renesas Technology Corp
SOP4



[PS2805-4-F3](#)

Renesas Technology Corp
SOP16



[M30800FCGP](#)

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QFP-48



[R1LV0808ASB-5SI](#)

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TSOP-44