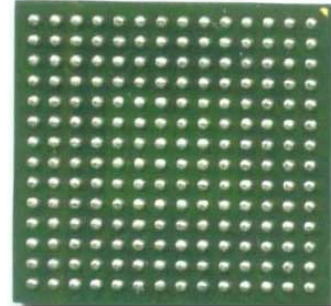


Interface - Signal Buffers, Repeaters PCIe Gen3 Signal Retimer

|               |   |
|---------------|---|
| Manufacturers | <a href="#">Renesas Technology Corp</a> |
| Package/Case  | 196-BBGA, FCBGA                         |
| Product Type  | Interface ICs                           |
| RoHS          |   |
| Lifecycle     |   |



Images are for reference only

Please submit RFQ for 89HT0816APZCBLG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The IDT 89HT0816AP 16-channel, PCIe 3.0, 8GTps Retimer offers a blend of top analog performance and the most complete feature set in protocol aware signal conditioner optimized for demanding 2.5Gbps, 5Gbps, and 8Gbps applications in computing, storage, and communications.

## Features

16-channel PCIe 3.0 Signal Retimer

Advanced signal conditioning features

Full Equalization Procedure including Phase 2 & 3

Protocol aware with full support of Automatic Equalization Procedure

Advanced diagnostic features

I2C and JTAG programming interface

Commercial and Industrial temperature

## Related Products



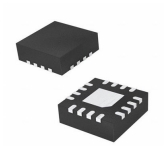
[1893CFLFT](#)

Renesas Technology Corp  
SSOP48



[ISL8489EIBZ-T](#)

Renesas Technology Corp  
SOP-14



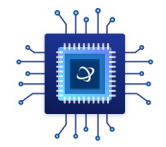
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Renesas Technology Corp  
32-VFQFN



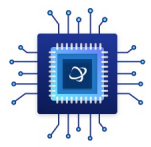
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Renesas Technology Corp  
SSOP-48



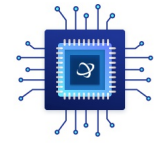
[89HT0832PZCHLG8](#)

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[ISL4489EIBZ-T](#)

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SOP14