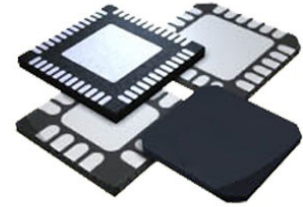


**Clock Fanout Buffer 19-OUT 2-IN 1:19 72-Pin VFQFPN EP
T/R**



Images are for reference only

[Inquiry](#)

Manufacturer: [Renesas Technology Corp](#)

Package/Case: QFN72

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The 9ZX21901B is a version of the Intel DB1900Z Differential Buffer with an adjustable external feedback path allowing the user to eliminate trace delays from their design. It is suitable for PCIe Gen3 or QPI applications. The part is backwards compatible to PCIe Gen1 and Gen2. The device maintains low drift for critical QPI applications. In bypass mode, the IDT9ZX21901 can provide outputs up to 400MHz. See the for a fixed external feedback path.

Key Features

19 - 0.7V HCSL differential HCSL output pairs

Adjustable external feedback path

Phase jitter: PCIe Gen3 < 1ps rms

Phase jitter: QPI 9.6GT/s < 0.2ps rms

PLL or bypass mode

PLL can dejitter incoming clock

9 selectable SMBus Addresses

8 OE# pins

100MHz or 133MHz PLL mode operation for PCIe and QPI applications

Selectable PLL bandwidth minimizes jitter peaking in downstream PLL's

Spread Spectrum Compatible

Recommended For You

9ZXL1231AKLFT

Renesas Technology Corp

QFN

9ZXL0831AKLFT

Renesas Technology Corp

QFN48

9ZXL1550DKILF

Renesas Technology Corp

QFN

9ZXL1530DKILF

Renesas Technology Corp

MLF-64

9ZXL1951DNHGI

Renesas Technology Corp

BGA

9ZX21901BKLF

Renesas Technology Corp

QFN

9ZX21501BKLF

Renesas Technology Corp

QFN

9ZXL0853EKILF

Renesas Technology Corp

VFQFPN-48

9ZXL1530BKLFT

Renesas Technology Corp

QFN

9ZXL1530BKLF

Renesas Technology Corp

QFN

9ZX21501BKLFT

Renesas Technology Corp

SMD

9ZX21901CKLFT

Renesas Technology Corp

QFN

9ZXL0632EKILF

Renesas Technology Corp

QFN-40

9ZML1233EKILF

Renesas Technology Corp

QFN

9ZXL1930DKILF

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72-VFQFPN(10x10)