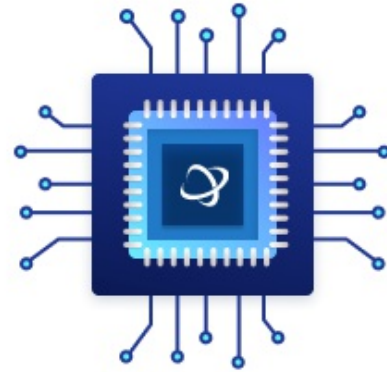


## 12-Output DB1200ZL PCIe Clock Buffer

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	
Product Type	Clock & Timer ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 9ZXL1251EKILFT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

The 9ZXL1251E is a second-generation, enhanced performance DB1200ZL differential buffer. The part is pin-compatible upgrade to the 9ZXL1251A, while offering much improved phase jitter performance and increased system security features. A fixed external feedback maintains low drift for critical QPI/UPI applications.

## Features

LP-HCSL outputs with 85Ω Zout; eliminate 48 resistors, save 82mm<sup>2</sup> of area

PCIe Gen 1–5 compliance

12 OE# pins; hardware control of each output

9 selectable SMBus addresses; multiple devices can share the same SMBus segment

Selectable PLL BW; minimizes jitter peaking in cascaded PLL topologies

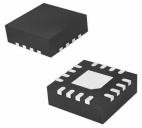
Hardware/SMBus control of PLL bandwidth and bypass; change mode without power cycle

Spread spectrum compatible; tracks spreading input clock for EMI reduction

100MHz and 133.33MHz PLL Mode; UPI and legacy QPI support

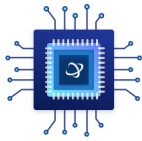
9 x 9 mm 64-VFQFPN package; small board footprint

## Related Products



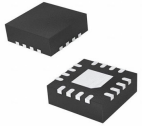
[9ZX21901CKLF](#)

Renesas Technology Corp  
72-VFQFN



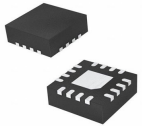
[9ZXL0451EKILFT](#)

Renesas Technology Corp



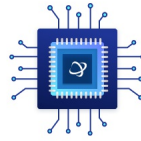
[9ZXL1950BKLF](#)

Renesas Technology Corp  
72-VFQFN



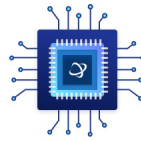
[9ZXL1930BKLF](#)

Renesas Technology Corp  
72-VFQFN



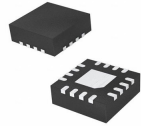
[9ZXL0851EKILFT](#)

Renesas Technology Corp



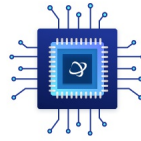
[9ZXL1950BKLF](#)

Renesas Technology Corp



[9ZXL1930BKLF](#)

Renesas Technology Corp  
72-VFQFN



[9ZXL1550BKLF](#)

Renesas Technology Corp