



# **8SLVD2102NLGI Information**



For Reference Only

Part Number 8SLVD2102NLGI

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Clock/Timing - Clock Buffers, Drivers

DescriptionNETWORK TIMINGPackage16-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### **8SLVD2102NLGI Specifications**

Manufacturer Part Number8SLVD2102NLGIManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage16-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits2Ratio - Input:Output2:4Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVDSFrequency - Max2GHzVoltage - Supply2.375 V ~ 2.625 VOperating Temperature-40°C ~ 85°C (TA)
Category Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers  Package 16-VFQFN Exposed Pad Series - Type Fanout Buffer (Distribution)  Number of Circuits 2 Ratio - Input:Output 2:4 Differential - Input:Output Yes/Yes Input LVDS, LVPECL Output LVDS Frequency - Max Voltage - Supply Integrated Circuits (ICs) Integrated Circuits (ICs)
Clock/Timing - Clock Buffers, Drivers  Package 16-VFQFN Exposed Pad  Series - Type Fanout Buffer (Distribution)  Number of Circuits 2  Ratio - Input:Output 2:4  Differential - Input:Output Yes/Yes  Input LVDS, LVPECL Output LVDS  Frequency - Max Voltage - Supply  Clock Buffers, Drivers  16-VFQFN Exposed Pad  - Clock Buffers, Drivers  Prevenses  LVDS  Fanout Buffer (Distribution)  LVDS  Fanout Buffer (Distribution)  LVDS  Fanout Buffer (Distribution)  LVDS  Series - Clock Buffers, Drivers  LVDS  Fanout Buffer (Distribution)  2  2  4  Clock Buffers, Drivers  LVDS  Fanout Buffer (Distribution)  2  2  4  Clock Buffers, Drivers  LVDS  Fanout Buffer (Distribution)  2  2  4  Clock Buffers, Drivers  LVDS  Fanout Buffer (Distribution)  2  2  4  Clock Buffers, Drivers  - Clock Buffers  - Clock Buffers - Clock Buffers  - Clock Buffers - Clock
Package 16-VFQFN Exposed Pad  Series - Type Fanout Buffer (Distribution)  Number of Circuits 2  Ratio - Input:Output 2:4  Differential - Input:Output Yes/Yes  Input LVDS, LVPECL  Output LVDS  Frequency - Max 2GHz  Voltage - Supply 2.375 V ~ 2.625 V
Series - Type Fanout Buffer (Distribution)  Number of Circuits 2  Ratio - Input:Output 2:4  Differential - Input:Output Yes/Yes  Input LVDS, LVPECL  Output LVDS  Frequency - Max 2GHz  Voltage - Supply 2.375 V ~ 2.625 V
Type Fanout Buffer (Distribution)  Number of Circuits 2  Ratio - Input:Output 2:4  Differential - Input:Output Yes/Yes  Input LVDS, LVPECL  Output LVDS  Frequency - Max 2GHz  Voltage - Supply 5anout Buffer (Distribution)  2 24  LVDS  LVDS  LVDS  LVDS  2:4  LVDS  LVDS  LVDS  LVDS  Frequency - Max  2GHz
Number of Circuits  Ratio - Input:Output  2:4  Differential - Input:Output  Yes/Yes  Input  LVDS, LVPECL  Output  LVDS  Frequency - Max  2GHz  Voltage - Supply  2375 V ~ 2.625 V
Ratio - Input:Output  Differential - Input:Output  Input  LVDS, LVPECL  Output  LVDS  Frequency - Max  Voltage - Supply  2:4  2:4  Yes/Yes  LVDS  LVDS  LVDS  LVDS  LVDS  2:4  Yes/Yes  LVDS  LVDS  LVDS  LVDS  2:4  Yes/Yes  LVDS  LVDS  LVDS  LVDS  2:4  Yes/Yes  LVDS  LVDS  LVDS  LVDS  LVDS  2:4  LVDS  LVDS  LVDS  Frequency - Max  2:4  LVDS  LVDS  LVDS  Frequency - Max  2:4  LVDS  LVDS  LVDS  Frequency - Max
Differential - Input:Output  Input  LVDS, LVPECL  Output  LVDS  Frequency - Max  2GHz  Voltage - Supply  2.375 V ~ 2.625 V
Input LVDS, LVPECL Output LVDS Frequency - Max 2GHz Voltage - Supply 2.375 V ~ 2.625 V
Output LVDS Frequency - Max 2GHz Voltage - Supply 2.375 V ~ 2.625 V
Frequency - Max $2GHz$ $Voltage - Supply$ $2.375 V \sim 2.625 V$
Voltage - Supply 2.375 V ~ 2.625 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
operating reinperature
Mounting Type Surface Mount
Package / Case 16-VFQFN Exposed Pad
Supplier Device Package 16-VFQFPN (3x3)
Report errors?

### **8SLVD2102NLGI Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **8SLVD2102NLGI Payment Methods**



















### **8SLVD2102NLGI Shipping Methods**













If you have any question about 8SLVD2102NLGI, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com