

NB6L14MNR2G

equest a Quote

NB6L14MNR2G Information

| CONTRACTOR OF STATE | Part Number | NB6L14MNR2G | |
|---------------------|--------------|---|------|
| | Manufacturer | ON Semiconductor | |
| | Category | Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers | 5 |
| | Description | IC CLK BUFFER 1:4 3GHZ 16QFN | - 6i |
| | Package | 16-VFQFN Exposed Pad | |
| | | For the pricing/inventory/lead time, please contact us | |
| For Reference Only | | Website: https://www.heisener.com E-mail: salesdept@heisener.com | Re |

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.



NB6L14MNR2G Specifications

| ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage16-VFQFN Exposed PadSeriesECLinPS MAX?TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVPECL, LVTTLOutputSGHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | | |
|--|-----------------------------|---------------------------------------|
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| Clock/Timing - Clock Buffers, DriversPackage16-VFQFN Exposed PadSeriesECLinPS MAX?TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature40°C ~ 85°CMounting Type16-VFQFN Exposed Pad | Manufacturer | ON Semiconductor |
| Package16-VFQFN Exposed PadSeriesECLinPS MAX?TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVDECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Category | Integrated Circuits (ICs) |
| SeriesECLinPS MAX?TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | | Clock/Timing - Clock Buffers, Drivers |
| TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Package | 16-VFQFN Exposed Pad |
| Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Series | ECLinPS MAX? |
| Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Туре | Fanout Buffer (Distribution) |
| Differential - Input:OutputYes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Number of Circuits | 1 |
| InputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Ratio - Input:Output | 1:4 |
| OutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Differential - Input:Output | Yes/Yes |
| Frequency - Max3GHzVoltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Input | CML, LVCMOS, LVDS, LVPECL, LVTTL |
| Voltage - Supply2.375 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Output | LVCMOS, LVPECL |
| Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Frequency - Max | 3GHz |
| Mounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad | Voltage - Supply | 2.375 V ~ 3.63 V |
| Package / Case 16-VFQFN Exposed Pad | Operating Temperature | -40°C ~ 85°C |
| | Mounting Type | Surface Mount |
| Supplier Device Package 16-QFN (3x3) | Package / Case | 16-VFQFN Exposed Pad |
| | Supplier Device Package | 16-QFN (3x3) |
| Report errors? | | Report errors? |

NB6L14MNR2G 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.

NB6L14MNR2G Payment Methods



NB6L14MNR2G Shipping Methods



If you have any question about NB6L14MNR2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com