

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		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage16-VFQFN Exposed PadSeriesECLinPS MAX?TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputVes/YesInputCML, LVCMOS, LVDS, LVPECL, LVTTLOutputLVCMOS, LVPECLFrequency - Max3GHzVoltage - Supply-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad	Manufacturer Part Number	NB6L14MNR2G
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
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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