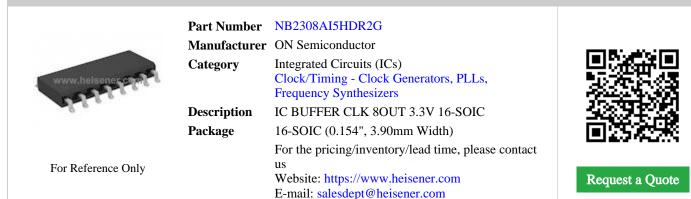


NB2308AI5HDR2G

NB2308AI5HDR2G Information



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.



NB2308AI5HDR2G Specifications

Manufacturer Part Number NB2308A15HDR2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 16-SOIC (0.154", 3.90mm Width) Series - Type Zero Delay Buffer PLL Yes with Bypass Input Clock Output Clock Number of Circuits 1 Ratio - Input:Output Is Differential - Input:Output No/No Frequency - Max 13.3.MHz Oltgae - Supply Suráce Mount Voltage - Supply Suráce Mount Package / Case 16-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:OutputIsDifferential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOutputSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	NB2308AI5HDR2G
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:OutputIs8Differential - Input:OutputNo/NoFrequency - Max13.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	ON Semiconductor
Package16-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max13.3.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output18Differential - Input:OutputNo/NoFrequency - Max13.3.MHzDivider/MultiplierYes/NoVoltage - Supply3V ~ 3.6 VOperating TemperatureAu% C ~ 85°CMounting TypeIesOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeZero Delay BufferTypeYes with BypassPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max13.3.MHzDivider/MultiplierSv > 3.6 VVoltage - SupplySV > 3.6 VOperating Temperature4.0°C ~ 85°CMounting TypeI6-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Package	16-SOIC (0.154", 3.90mm Width)
PLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Series	-
InputClockOutputClockNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Туре	Zero Delay Buffer
AClockNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input	Clock
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Output	Clock
Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Circuits	1
Frequency - Max133.3MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Ratio - Input:Output	1:8
Divider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Differential - Input:Output	No/No
Voltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Frequency - Max	133.3MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Supply	3 V ~ 3.6 V
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

NB2308AI5HDR2G 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

NB2308AI5HDR2G Payment Methods



NB2308AI5HDR2G Shipping Methods



If you have any question about NB2308AI5HDR2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com