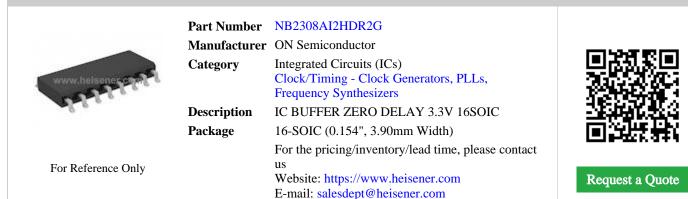


NB2308AI2HDR2G

NB2308AI2HDR2G 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.



NB2308AI2HDR2G Specifications

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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:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature4.0°C ~ 85°CMounting TypeIe-SOIC (0.154", 3.90mm Width)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	NB2308AI2HDR2G
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/YesVoltage - 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/YesVoltage - 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/YesVoltage - Supply3V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeInfection 16.5OIC (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/YesVoltage - 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/YesVoltage - 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
Answir Answir Output Clock Number of Circuits 1 Ratio - Input:Output 1:8 Differential - Input:Output No/No Frequency - Max 133.3MHz Divider/Multiplier Yes/Yes Voltage - Supply 3 V ~ 3.6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Input	Clock
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - 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/YesVoltage - 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/YesVoltage - 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/YesVoltage - 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/Yes
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)
	Supplier Device Package	16-SOIC
Report errors?		Report errors?

NB2308AI2HDR2G 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.

NB2308AI2HDR2G Payment Methods



NB2308AI2HDR2G Shipping Methods



If you have any question about NB2308AI2HDR2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com