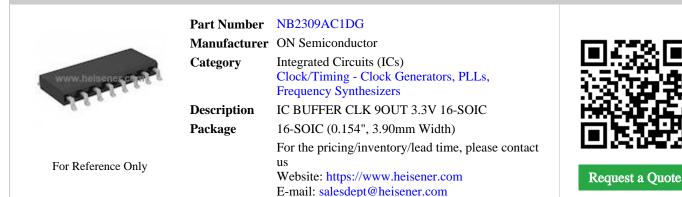


NB2309AC1DG

NB2309AC1DG 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.



NB2309AC1DG Specifications

ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockOutputClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivideg/ Supply3 V ~ 3.6 VOutput Grenting Temperature0°C ~ 70°CMounting TypeIn-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 BypassInputClockOutputClockOutputClockNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeIe-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer Part Number	NB2309AC1DG
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting Type16-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:Output1.9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-TypeZero Delay BufferPLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeZero Delay BufferTypeYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
PLLYes with BypassInputClockOutputClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Series	-
InputClockOutputClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Туре	Zero Delay Buffer
AClockNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input	Clock
Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Output	Clock
Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Circuits	1
Frequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Ratio - Input:Output	1:9
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°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 Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Frequency - Max	133.33MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Divider/Multiplier	No/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	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
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?

NB2309AC1DG 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 EUARANTEE

Service Guarantees

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

NB2309AC1DG Payment Methods



NB2309AC1DG Shipping Methods



If you have any question about NB2309AC1DG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com