

# AD809BRZ-REEL

#### **AD809BRZ-REEL 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.



### **AD809BRZ-REEL Specifications**

Manufacturer Part Number AD809BRZ-REEL   Manufacturer Analog Devices Inc.   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 16-SOIC (0.154", 3.90nm Width)   Series -   Type Clock/Frequency Synthesizer   PLL Yes   Input CMOS, ECL, PECL, TTL   Output ECL, PECL   Number of Circuits 1   Ratio - Input:Output 2:1   Differential - Input:Output Yes/Yes   Frequency - Max 15.52MHz   Voltage - Supply 4.5 V ~ 5.5 V   Output Surface Mount   Voltage - Supply Surface Mount   Package / Case 16-SOIC (0.154", 3.90nm Width)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency SynthesizerPLLYesInputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYesFrequency - Max15.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature44°C ~ 85°CMounting Type16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	AD809BRZ-REEL
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency SynthesizerPLLYesInputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:OutputYes/YesDifferential - Input:OutputYes/YesFrequency - Max15.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	Analog Devices Inc.
Package16-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency SynthesizerPLLYesInputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYesFrequency - Max15.52MHzNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
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TypeClock/Frequency SynthesizerTypeClock/Frequency SynthesizerPLLYesInputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max15.52MHzNo/NoNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
PLLYesInputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Series	-
InputCMOS, ECL, PECL, TTLOutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Туре	Clock/Frequency Synthesizer
OutputECL, PECLNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting Type16-SOIC (0.154", 3.90mm Width)Package / Case16-SOIC	PLL	Yes
Number of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input	CMOS, ECL, PECL, TTL
Ratio - Input:Output2:1Differential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Output	ECL, PECL
Interference of partInterference of partDifferential - Input:OutputYes/YesFrequency - Max155.52MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Circuits	1
Frequency - Max155.2MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Ratio - Input:Output	2:1
Divider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Differential - Input:Output	Yes/Yes
Voltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Frequency - Max	155.52MHz
Operating Temperature-40°C ~ 85°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	4.5 V ~ 5.5 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?

#### **AD809BRZ-REEL 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.

## **AD809BRZ-REEL Payment Methods**





If you have any question about AD809BRZ-REEL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com