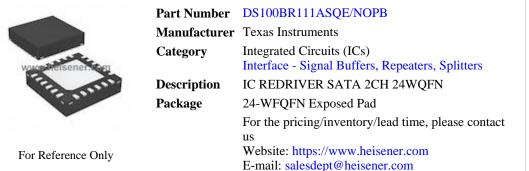


DS100BR111ASQE/NOPB

DS100BR111ASQE/NOPB Information





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DS100BR111ASQE/NOPB Specifications

Manufacturer Part Number DS100BR111ASQE/NOPB Manufacturer Texas Instruments Category Integrated Circuits (ICs) Interface - Signal Buffers, Repeaters, Splitters Interface - Signal Buffers, Repeaters, Splitters Package 24-WFQFN Exposed Pad Series - Type Buffer, ReDriver Applications SATA Input CML Output CML Data Rate (Max) 10.3Gbps Signal Conditioning Input Equalization, Output De-Emphasis Capacitance - Input 10pf Voltage - Supply Sansa Output Sansa Voltage - Supply SomA Output - Package / Case 24-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)PackageA4WFQFN Exposed PadSeries-TypeBuffer, ReDriverApplicationsSATAOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Signal ConditioningInput Equalization, Output De-EmphasisGapciationsJopf CategoryOutputSartaDefarting Supply3.375 V~3.6 VOutput SupplySomAOutput SupplySomASuppler Device Package2.4WFQFN Exposed PadSuppler Device Package2.4WQFN (4x4)	Manufacturer Part Number	DS100BR111ASQE/NOPB
Interface - Signal Buffers, Repeaters, SplittersPackage24-WFQFN Exposed PadSeries-TypeBuffer, ReDriverApplicationsSATAInputCMLOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCurrent - Supply2.375 V ~ 3.6 VOutput50mAOperating Temperature-Mounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Manufacturer	Texas Instruments
Package24-WFQFN Exposed PadSeries-TypeBuffer, ReDriverApplicationsSATAInputCMLOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input109FVoltage - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Category	Integrated Circuits (ICs)
Series.TypeBuffer, ReDriverApplicationsSATAInputCMLOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Delay Time.Signal ConditioningInput Equalization, Output De-EmphasisYoltage - Supply2.375 V~ 3.6 VOperating Temperature40°C ~ 85°CMounting Type.Package / Case24-WQEN (Exage March 2005)Supplier Device Package24-WQEN (4x4)		Interface - Signal Buffers, Repeaters, Splitters
TypeBuffer, ReDriverApplicationsSATAInputCMLOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - InputJOPFVoltage - SupplySOmAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WQFN (4x4)	Package	24-WFQFN Exposed Pad
Applications SATA Input CML Output CML Data Rate (Max) 10.3Gbps Number of Channels 2 Delay Time - Signal Conditioning Input Equalization, Output De-Emphasis Capacitance - Input 10pF Voltage - Supply 2.375 V ~ 3.6 V Operating Temperature -40°C ~ 85°C Mounting Type - Package / Case 24-WQFN Exposed Pad	Series	-
InputCMLOutputCMLData Rate (Max)10.3GbpsNumber of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-Mounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Туре	Buffer, ReDriver
Image: Constraint of the constra	Applications	SATA
Pata Rate (Max)10.3GbpsNumber of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Input	CML
Number of Channels2Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Output	CML
Delay Time-Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Data Rate (Max)	10.3Gbps
Signal ConditioningInput Equalization, Output De-EmphasisCapacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Number of Channels	2
Capacitance - Input10pFVoltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Delay Time	-
Voltage - Supply2.375 V ~ 3.6 VCurrent - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Signal Conditioning	Input Equalization, Output De-Emphasis
Current - Supply50mAOperating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Capacitance - Input	10pF
Operating Temperature-40°C ~ 85°CMounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Voltage - Supply	2.375 V ~ 3.6 V
Mounting Type-Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Current - Supply	50mA
Package / Case24-WFQFN Exposed PadSupplier Device Package24-WQFN (4x4)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package24-WQFN (4x4)	Mounting Type	-
	Package / Case	24-WFQFN Exposed Pad
Report error	Supplier Device Package	24-WQFN (4x4)
		Report errors?

DS100BR111ASQE/NOPB 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.

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