

# DS40MB200SQ

# **DS40MB200SQ Information**

And the sene tem	Part Number	DS40MB200SQ	
	Manufacturer	Texas Instruments	
	Category	Integrated Circuits (ICs) Interface - Signal Buffers, Repeaters, Splitters	8
	Description	IC MULTIPLEXER 2CH 4GBPS 48WQFN	- 91
	Package	48-WFQFN Exposed Pad	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Re



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## **Certified Quality**

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# **DS40MB200SQ Specifications**

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs) Interface - Signal Buffers, Repeaters, SplittersPackage48-WFQFN Exposed PadSeries-PypeBuffer, MultiplexerApplications-OutputCMLData Rate (Max)4GbpsVoltage - Sinpal Gonditioning1put Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V - 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (x7)			
Category Integrated Circuits (Cs)   Interface - Signal Buffers, Repeaters, Splitters   Package 48-WFQFN Exposed Pad   Series -   Spe Buffer, Multiplexer   Applications -   Input CML   Output CML   Data Rate (Max) 46bps   Voltage - Supply Sofos   Signal Conditioning Input Equalization, Output Pre-Emphasis   Category 3.135 V ~ 3.465 V   Current - Supply -   Operating Temperature -40°C ~ 85°C   Mounting Type -   Package / Case 48-WFQFN Exposed Pad	Manufacturer Part Number	DS40MB200SQ	
Interface - Signal Buffers, Repeaters, SplittersPackage48-WFQFN Exposed PadSeries-FypeBuffer, MultiplexerApplications-InputCMLDutputCMLData Rate (Max)4GbpsNumber of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WFQFN (x7)	Manufacturer	Texas Instruments	
Package48-WFQFN Exposed PadSeries-FypeBuffer, MultiplexerApplications-InputCMLOutputCMLData Rate (Max)4GbpsNumber of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Category	Integrated Circuits (ICs)	
Series -   Type Buffer, Multiplexer   Applications -   Input CML   Output CML   Data Rate (Max) 4Gbps   Number of Channels 2 x 1:2, 2:1   Delay Time 500ps   Signal Conditioning Input Equalization, Output Pre-Emphasis   Capacitance - Input -   Voltage - Supply 3.135 V ~ 3.465 V   Current - Supply -   Operating Temperature -40°C ~ 85°C   Mounting Type -   Package / Case 48-WFQFN Exposed Pad   Supplier Device Package 48-WQFN (7x7)		Interface - Signal Buffers, Repeaters, Splitters	
Type Buffer, Multiplexer   Applications -   Applications -   Applications CML   Output CML   Data Rate (Max) 4Gbps   Number of Channels 2 x 1:2, 2:1   Delay Time 500ps   Signal Conditioning Input Equalization, Output Pre-Emphasis   Capacitance - Input 3.135 V ~ 3.465 V   Voltage - Supply -   Operating Temperature 40°C ~ 85°C   Mounting Type -   Package / Case 48-WFQFN Exposed Pad	Package	48-WFQFN Exposed Pad	
Applications-Applications-InputCMLOutputCMLData Rate (Max)4GbpsNumber of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Series	-	
Input CML   Output CML   Data Rate (Max) 4Gbps   Number of Channels 2 x 1:2, 2:1   Delay Time 500ps   Signal Conditioning Input Equalization, Output Pre-Emphasis   Capacitance - Input -   Voltage - Supply 3.135 V ~ 3.465 V   Current - Supply -   Operating Temperature -40°C ~ 85°C   Mounting Type -   Package / Case 48-WFQFN Exposed Pad   Supplier Device Package 48-WQFN (7x7)	Туре	Buffer, Multiplexer	
PartPartDutputCMLData Rate (Max)4GbpsNumber of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Applications	-	
A4GbpsNumber of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Input	CML	
Number of Channels2 x 1:2, 2:1Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Output	CML	
Delay Time500psSignal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Data Rate (Max)	4Gbps	
Signal ConditioningInput Equalization, Output Pre-EmphasisCapacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Number of Channels	2 x 1:2, 2:1	
Capacitance - Input-Voltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Delay Time	500ps	
Woltage - Supply3.135 V ~ 3.465 VCurrent - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Signal Conditioning	Input Equalization, Output Pre-Emphasis	
Current - Supply-Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Capacitance - Input	-	
Operating Temperature-40°C ~ 85°CMounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Voltage - Supply	3.135 V ~ 3.465 V	
Mounting Type-Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Current - Supply	-	
Package / Case48-WFQFN Exposed PadSupplier Device Package48-WQFN (7x7)	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 48-WQFN (7x7)	Mounting Type	-	
	Package / Case	48-WFQFN Exposed Pad	
Report errors?	Supplier Device Package	48-WQFN (7x7)	
		Report errors?	

### **DS40MB200SQ 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.

#### **DS40MB200SQ Payment Methods**





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