

## STMUX1000LQTR

### STMUX1000LQTR Information

	Part Number Manufacturer Category Description Package	STMUX1000LQTR STMicroelectronics Integrated Circuits (ICs) Interface - Analog Switches - Special Purpose IC MUX/DEMUX 16X8 56QFN 56-WFQFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

#### **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.



#### STMUX1000LQTR Specifications

Manufacturer Part NumberSTMUX1000LQTRManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)PackageInterface - Analog Switches - Special PurposePackageSeriesSeries-ApplicationsTelecommunicationsMultiplexer/Demultiplexer CircuitSPDTSwitch CircuitSPDTNumber of Channels11On-State Resistance (Max)-Voltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature6-WFQFN Exposed PadPackage / CaseS6-WFQFN Exposed PadSupplier Device PackageS6-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Interface - Analog Switches - Special PurposePackage56-WFQFN Exposed PadSeries-ApplicationsTelecommunicationsMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-QFN (11x5)	Manufacturer Part Number	STMUX1000LQTR
Interface - Analog Switches - Special PurposePackage56-WFQFN Exposed PadSeries-ApplicationsTelecommunicationsMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Manufacturer	STMicroelectronics
Package56-WFQFN Exposed PadSeries-ApplicationsTelecommunicationsMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db BandwidthBi-Directional, LANOperating Temperature40°C ~ 85°C (TA)Package / Case56-QFN (L1x5)	Category	Integrated Circuits (ICs)
Series-ApplicationsTelecommunicationsMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)		Interface - Analog Switches - Special Purpose
ApplicationsTelecommunicationsMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmYoltage - Supply, Single (V+)3 V ~ 3.6 VYoltage - Supply, Dual (V±)3db Bandwidth450MHzPeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Package	56-WFQFN Exposed Pad
NMultiplexer/Demultiplexer Circuit2:1Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-QFN Exposed PadSupplier Device Package56-QFN (11x5)	Series	-
Switch CircuitSPDTNumber of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Applications	Telecommunications
Number of Channels11On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Multiplexer/Demultiplexer Circuit	2:1
On-State Resistance (Max)7.5 OhmVoltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Switch Circuit	SPDT
Voltage - Supply, Single (V+)3 V ~ 3.6 VVoltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Number of Channels	11
Voltage - Supply, Dual (V±)3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	On-State Resistance (Max)	7.5 Ohm
-3db Bandwidth450MHzFeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Voltage - Supply, Single (V+)	3 V ~ 3.6 V
FeaturesBi-Directional, LANOperating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Voltage - Supply, Dual (V±)	-
Operating Temperature-40°C ~ 85°C (TA)Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	-3db Bandwidth	450MHz
Package / Case56-WFQFN Exposed PadSupplier Device Package56-QFN (11x5)	Features	Bi-Directional, LAN
Supplier Device Package56-QFN (11x5)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	56-WFQFN Exposed Pad
Report er	Supplier Device Package	56-QFN (11x5)
Keporter		Report errors?

#### STMUX1000LQTR 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.

#### STMUX1000LQTR Payment Methods



#### STMUX1000LQTR Shipping Methods



If you have any question about STMUX1000LQTR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com