

MC74LVXT8053DTR2

MC74LVXT8053DTR2 Information



For Reference Only

Part Number MC74LVXT8053DTR2

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC MUX/DEMUX TRIPLE 2X1 16TSSOP

Package 16-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MC74LVXT8053DTR2 Specifications

Manufacturer Part Number MC74LVXT8053DTR2 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-TSSOP (0.173", 4.40mm Width) Series - Switch Circuit SPDT Multiplexer/Demultiplexer Circuit 2:1 Number of Circuits 3 On-State Resistance (Max) 25 Ohm Channel-to-Channel Matching (Ron) 8 Ohm Voltage - Supply, Single (V+) 2 V ~ 6 V Voltage - Supply, Dual (V±) - Switch Time (Ton, Toff) (Max) - -3db Bandwidth 120MHz Charge Injection - Charge Injection - Channel Capacitance (CS(off), CD(off)) 10pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	•	
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Multiplexer/Demultiplexer Circuit Number of Circuits 3 On-State Resistance (Max) Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth 120MHz Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP 10 Somm 25 Ohm 20 10 10 10 10 10 10 10 10 10	Series	-
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On-State Resistance (Max) Channel-to-Channel Matching (Ron) 8 Ohm Voltage - Supply, Single (V+) 2 V ~ 6 V Voltage - Supply, Dual (V±) - Switch Time (Ton, Toff) (Max) - 3db Bandwidth 120MHz Charge Injection - Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) 100nA Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Multiplexer/Demultiplexer Circuit	2:1
Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) 2 V ~ 6 V Voltage - Supply, Dual (V±) - Switch Time (Ton, Toff) (Max) -3db Bandwidth 120MHz Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Number of Circuits	3
Voltage - Supply, Single (V+) $2 \text{ V} \sim 6 \text{ V}$ Voltage - Supply, Dual (V±) - Switch Time (Ton, Toff) (Max)3db Bandwidth 120MHz Charge Injection - Channel Capacitance (CS(off), CD(off)) 10pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85 °C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	On-State Resistance (Max)	25 Ohm
Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth 120MHz Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Channel-to-Channel Matching (Ron)	8 Ohm
Switch Time (Ton, Toff) (Max) -3db Bandwidth 120MHz Charge Injection - Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Voltage - Supply, Single (V+)	2 V ~ 6 V
-3db Bandwidth 120MHz Charge Injection - Channel Capacitance (CS(off), CD(off)) 10pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Voltage - Supply, Dual (V±)	-
Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Switch Time (Ton, Toff) (Max)	-
Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	-3db Bandwidth	120MHz
Current - Leakage (IS(off)) (Max) Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Charge Injection	-
Crosstalk -60dB @ 1MHz Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Channel Capacitance (CS(off), CD(off))	10pF
Operating Temperature -55°C ~ 85°C (TA) Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Current - Leakage (IS(off)) (Max)	100nA
Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Crosstalk	-60dB @ 1MHz
Supplier Device Package 16-TSSOP	Operating Temperature	-55°C ~ 85°C (TA)
	Package / Case	16-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	16-TSSOP
		Report errors?

MC74LVXT8053DTR2 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.

MC74LVXT8053DTR2 Payment Methods



















MC74LVXT8053DTR2 Shipping Methods













If you have any question about MC74LVXT8053DTR2, please do not hesitate to contact us!

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