

M74HC574B1R

M74HC574B1R Information

PHILIP	 M74HC574B1R STMicroelectronics Integrated Circuits (ICs) Logic - Flip Flops IC D-TYPE POS TRG SNGL 20DIP 20-DIP (0.300", 7.62mm) For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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M74HC574B1R Specifications

ManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Logic - Flip FlopsPackage20-DIP (0.300", 7.62mm)Series74HCFunctionStandardTypeD-TypeOutput TypeD-TypeOutput TypeTri-State, Non-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low2 V ~ 6 VVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	*	
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FunctionStandardTypeD-TypeOutput TypeTri-State, Non-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting Type20-DIP (0.300", 7.62mm)	Package	20-DIP (0.300", 7.62mm)
TypeD-TypeOutput TypeTri-State, Non-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting Type20-DIP (0.300°, 7.62mm)	Series	74HC
Output TypeTri-State, Non-InvertedNumber of Elements1Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Function	Standard
Number of Elements1Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Туре	D-Type
Number of Bits per Element8Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Output Type	Tri-State, Non-Inverted
Clock Frequency90MHzMax Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Number of Elements	1
Max Propagation Delay @ V, Max CL32ns @ 6V, 150pFTrigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4µAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Number of Bits per Element	8
Trigger TypePositive EdgeCurrent - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4μAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Clock Frequency	90MHz
Current - Output High, Low7.8mA, 7.8mAVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4μAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Max Propagation Delay @ V, Max CL	32ns @ 6V, 150pF
Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Iq)4μAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Trigger Type	Positive Edge
Current - Quiescent (Iq)4μAInput Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Current - Output High, Low	7.8mA, 7.8mA
Input Capacitance5pFOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Voltage - Supply	2 V ~ 6 V
Operating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Current - Quiescent (Iq)	4μΑ
Mounting TypeThrough HolePackage / Case20-DIP (0.300", 7.62mm)	Input Capacitance	5pF
Package / Case 20-DIP (0.300", 7.62mm)	Operating Temperature	-55°C ~ 125°C (TA)
	Mounting Type	Through Hole
Report errors?	Package / Case	20-DIP (0.300", 7.62mm)
		Report errors?

M74HC574B1R 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.

M74HC574B1R Payment Methods



M74HC574B1R Shipping Methods



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