



MM74HCT05M Information



For Reference Only

Part Number MM74HCT05M

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC HEX INVERTER OPEN DRN 14-SOIC

Package 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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MM74HCT05M Specifications

Manufacturer Part NumberMM74HCT05MManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-SOIC (0.154", 3.90mm Width)Series74HCTLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low-, 4.8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL15ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOIC		
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Logic Type Number of Circuits 6 Number of Inputs 6 Features Open Drain Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low -, 4.8mA Logic Level - Low Logic Level - High Max Propagation Delay @ V, Max CL Operating Temperature Mounting Type Inverter Inverter Inverter Inverter Inverter	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits6Number of Inputs6FeaturesOpen DrainVoltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low-, 4.8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL15ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Series	74HCT
Number of Inputs 6 Features Open Drain Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) $2\mu A$ Current - Output High, Low -, 4.8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 15ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Logic Type	Inverter
$\begin{array}{lll} Features & Open Drain \\ Voltage - Supply & 4.5 \ V \sim 5.5 \ V \\ Current - Quiescent (Max) & 2 \mu A \\ Current - Output High, Low & -, 4.8 mA \\ Logic Level - Low & 0.8 V \\ Logic Level - High & 2 V \\ Max Propagation Delay @ V, Max CL & 15 ns @ 5 V, 50 pF \\ Operating Temperature & -40 ^{\circ}C \sim 85 ^{\circ}C \\ Mounting Type & Surface Mount \\ \end{array}$	Number of Circuits	6
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $-, 4.8 \text{mA}$ Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 15ns @ 5V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Number of Inputs	6
Current - Quiescent (Max) Current - Output High, Low -, 4.8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Features	Open Drain
Current - Output High, Low -, 4.8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 15ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL15ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Current - Quiescent (Max)	2μΑ
Logic Level - High2VMax Propagation Delay @ V, Max CL15ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Current - Output High, Low	-, 4.8mA
Max Propagation Delay @ V, Max CL 15ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Logic Level - Low	0.8V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	2V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	15ns @ 5V, 50pF
2.55	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Supplier Device Package	14-SOIC
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

MM74HCT05M 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.

MM74HCT05M Payment Methods



















MM74HCT05M Shipping Methods













If you have any question about MM74HCT05M, please do not hesitate to contact us!

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