

# HEF4071BT,653 Information



For Reference Only

Part NumberHEF4071BT,653ManufacturerNexperia USA Inc.CategoryIntegrated Circuits (ICs)<br/>Logic - Gates and Inverters

**Description** IC GATE OR 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

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.









## **HEF4071BT,653 Specifications**

Manufacturer Part Number         HEF4071BT,653           Manufacturer         Nexperia USA Inc.           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters         Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         4000B           Logic Type         OR Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         3 V ~ 15 V           Current - Quiescent (Max)         4μA           Current - Output High, Low         3.4mA, 3.4mA           Logic Level - Low         1.5 V ~ 4 V           Logic Level - High         3.5 V ~ 11 V           Max Propagation Delay @ V, Max CL         35ns @ 15V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Supplier Device Package         14-SO		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         4000B           Logic Type         OR Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         3 V ~ 15 V           Current - Quiescent (Max)         4μA           Current - Output High, Low         3.4mA, 3.4mA           Logic Level - Low         1.5 V ~ 4 V           Logic Level - High         3.5 V ~ 11 V           Max Propagation Delay @ V, Max CL         35ns @ 15V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount	Manufacturer Part Number	HEF4071BT,653
Logic - Gates and Inverters         Package       14-SOIC (0.154", 3.90mm Width)         Series       4000B         Logic Type       OR Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       3 V ~ 15 V         Current - Quiescent (Max)       4μA         Current - Output High, Low       3.4mA, 3.4mA         Logic Level - Low       1.5 V ~ 4 V         Logic Level - High       3.5 V ~ 11 V         Max Propagation Delay @ V, Max CL       35ns @ 15V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount	Manufacturer	Nexperia USA Inc.
Package14-SOIC (0.154", 3.90mm Width)Series $4000B$ Logic TypeOR GateNumber of Circuits $4$ Number of Inputs $2$ Features $-$ Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $3.4\text{mA}, 3.4\text{mA}$ Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $35\text{ns}$ @ $15\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series 4000B  Logic Type OR Gate  Number of Circuits 4  Number of Inputs 2  Features - Voltage - Supply 3 V ~ 15 V  Current - Quiescent (Max) 4 $\mu$ A  Current - Output High, Low 3.4mA, 3.4mA  Logic Level - Low 1.5 V ~ 4 V  Logic Level - High 3.5 V ~ 11 V  Max Propagation Delay @ V, Max CL 35ns @ 15V, 50pF  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount		Logic - Gates and Inverters
Logic TypeOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply3 V ~ 15 VCurrent - Quiescent (Max)4μACurrent - Output High, Low3.4mA, 3.4mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL35ns @ 15V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 3 V ~ 15 V Current - Quiescent (Max) 4 $\mu$ A Current - Output High, Low 3.4mA, 3.4mA Logic Level - Low 1.5 V ~ 4 V Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 35ns @ 15V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Series	4000B
Number of Inputs 2  Features -  Voltage - Supply 3 V ~ 15 V  Current - Quiescent (Max) 4 $\mu$ A  Current - Output High, Low 3.4mA, 3.4mA  Logic Level - Low 1.5 V ~ 4 V  Logic Level - High 3.5 V ~ 11 V  Max Propagation Delay @ V, Max CL 35ns @ 15V, 50pF  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Logic Type	OR Gate
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $3\ V \sim 15\ V$ Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $3.4\text{mA}, 3.4\text{mA}$ Logic Level - Low $1.5\ V \sim 4\ V$ Logic Level - High $3.5\ V \sim 11\ V$ Max Propagation Delay @ V, Max CL $35\text{ns @ 15V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $\text{Surface Mount}$	Number of Inputs	2
Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $3.4 mA, 3.4 mA$ Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $35 ns$ @ $15 \text{ V}, 50 pF$ Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting Type Surface Mount	Features	-
Current - Output High, Low $3.4\text{mA}$ , $3.4\text{mA}$ Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $35\text{ns}$ @ $15\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Supply	3 V ~ 15 V
Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $35 \text{ns} \ @ 15 \text{V}, 50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Quiescent (Max)	$4\mu A$
Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL $35 \text{ns}$ @ $15 \text{V}$ , $50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Output High, Low	3.4mA, 3.4mA
	Logic Level - Low	1.5 V ~ 4 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	3.5 V ~ 11 V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	35ns @ 15V, 50pF
6 Jr.	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-SO	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

## HEF4071BT,653 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.

## **HEF4071BT,653 Payment Methods**



















## **HEF4071BT,653 Shipping Methods**













If you have any question about HEF4071BT,653, please do not hesitate to contact us!

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