



### PI74ST1G32CEX Information



For Reference Only

Part Number PI74ST1G32CEX

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE OR 1CH 2-INP SC-70-5 **Package** 5-TSSOP, SC-70-5, SOT-353

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.









## PI74ST1G32CEX Specifications

Manufacturer Part Number         PI74ST1G32CEX           Manufacturer         Diodes Incorporated           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         5-TSSOP, SC-70-5, SOT-353           Series         74ST           Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           Features         -           Voltage - Supply         1.8 V ~ 3.6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         -           Logic Level - High         -           Max Propagation Delay @ V, Max CL         3.8ns @ 3.3V, 50pF		
Category         Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       5-TSSOP, SC-70-5, SOT-353         Series       74ST         Logic Type       OR Gate         Number of Circuits       1         Number of Inputs       2         Features       -         Voltage - Supply       1.8 V ~ 3.6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       24mA, 24mA         Logic Level - Low       -         Logic Level - High       -	Manufacturer Part Number	PI74ST1G32CEX
$\begin{array}{c} Logic - Gates \ and \ Inverters \\ \\ Package & 5-TSSOP, SC-70-5, SOT-353 \\ \\ Series & 74ST \\ \\ Logic \ Type & OR \ Gate \\ \\ Number \ of \ Circuits & 1 \\ \\ Number \ of \ Inputs & 2 \\ \\ Features & - \\ \\ Voltage - Supply & 1.8 \ V \sim 3.6 \ V \\ \\ Current - Quiescent \ (Max) & 2\mu A \\ \\ Current - Output \ High, Low & 24mA, 24mA \\ \\ Logic \ Level - Low & - \\ \\ Logic \ Level - High & - \\ \\ \end{array}$	Manufacturer	Diodes Incorporated
Package5-TSSOP, SC-70-5, SOT-353Series74STLogic TypeOR GateNumber of Circuits1Number of Inputs2Features-Voltage - Supply $1.8 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low-Logic Level - High-	Category	Integrated Circuits (ICs)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
Logic TypeOR GateNumber of Circuits1Number of Inputs2Features-Voltage - Supply $1.8 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low-Logic Level - High-	Package	5-TSSOP, SC-70-5, SOT-353
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	74ST
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	OR Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	1
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low-Logic Level - High-	Features	-
Current - Output High, Low 24mA, 24mA  Logic Level - Low -  Logic Level - High -	Voltage - Supply	1.8 V ~ 3.6 V
Logic Level - Low - Logic Level - High -	Current - Quiescent (Max)	$2\mu A$
Logic Level - High -	Current - Output High, Low	24mA, 24mA
	Logic Level - Low	-
Max Propagation Delay @ V, Max CL 3.8ns @ 3.3V, 50pF	Logic Level - High	-
	Max Propagation Delay @ V, Max CL	3.8ns @ 3.3V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package SC-70-5	Supplier Device Package	SC-70-5
Package / Case 5-TSSOP, SC-70-5, SOT-353	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?		Report errors?

### **PI74ST1G32CEX 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.

## PI74ST1G32CEX Payment Methods



















## **PI74ST1G32CEX Shipping Methods**













If you have any question about PI74ST1G32CEX, please do not hesitate to contact us!

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