

NLV17SG17DFT2G

NLV17SG17DFT2G Information



For Reference Only

Part Number NLV17SG17DFT2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC SCHMITT BUFFER MINI SC-88A

Package 5-TSSOP, SC-70-5, SOT-353

For the pricing/inventory/lead time, please contact

us

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NLV17SG17DFT2G Specifications

Manufacturer Part Number NLV17SG17DFT2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 5-TSSOP, SC-70-5, SOT-353 Series - Logic Type Inverter Number of Circuits 1 Number of Inputs 1 Features Schmitt Trigger Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Max) 0.5µA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.09 V ~ 0.95 V Logic Level - High 0.86 V ~ 2.05 V Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V, 30pF Operating Temperature -55°C ~ 125°C		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 5-TSSOP, SC-70-5, SOT-353 Series Logic Type Inverter Number of Circuits 1 Number of Inputs 1 Features Schmitt Trigger Voltage - Supply 0.9 V ~ 3.6 V Current - Quiescent (Max) Current - Output High, Low 8mA, 8mA Logic Level - Low 0.09 V ~ 0.95 V Logic Level - High 0.86 V ~ 2.05 V Max Propagation Delay @ V, Max CL S-TSSOP, SC-70-5, SOT-353 Logic - Gates and Inverters 5-TSSOP, SC-70-5, SOT-353 - Univerter 0.09 V ~ 0.95 V 0.9 V ~ 0.95 V 0.99 V ~ 0.95 V	Manufacturer Part Number	NLV17SG17DFT2G
$\begin{array}{c} Logic - Gates \ and \ Inverters \\ \\ Package & 5-TSSOP, SC-70-5, SOT-353 \\ \\ Series & - \\ \\ Logic Type & Inverter \\ \\ Number of Circuits & 1 \\ \\ Number of Inputs & 1 \\ \\ Features & Schmitt Trigger \\ \\ Voltage - Supply & 0.9 \ V \sim 3.6 \ V \\ \\ Current - Quiescent (Max) & 0.5 \mu A \\ \\ Current - Output High, Low & 8mA, 8mA \\ \\ Logic Level - Low & 0.09 \ V \sim 0.95 \ V \\ \\ Logic Level - High & 0.86 \ V \sim 2.05 \ V \\ \\ Max Propagation Delay @ V, Max CL & 5.2ns @ 3.3V, 30pF \\ \end{array}$	Manufacturer	ON Semiconductor
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits1Number of Inputs1FeaturesSchmitt TriggerVoltage - Supply $0.9 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5\mu\text{A}$ Current - Output High, Low8mA, 8mALogic Level - Low $0.09 \text{ V} \sim 0.95 \text{ V}$ Logic Level - High $0.86 \text{ V} \sim 2.05 \text{ V}$ Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V , 30pF	Package	5-TSSOP, SC-70-5, SOT-353
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Number of Inputs1FeaturesSchmitt TriggerVoltage - Supply $0.9 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5\mu\text{A}$ Current - Output High, Low 8mA , 8mA Logic Level - Low $0.09 \text{ V} \sim 0.95 \text{ V}$ Logic Level - High $0.86 \text{ V} \sim 2.05 \text{ V}$ Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V , 30pF	Logic Type	Inverter
$\begin{tabular}{lll} Features & Schmitt Trigger \\ Voltage - Supply & 0.9 V \sim 3.6 V \\ Current - Quiescent (Max) & 0.5 \mu A \\ Current - Output High, Low & 8mA, 8mA \\ Logic Level - Low & 0.09 V \sim 0.95 V \\ Logic Level - High & 0.86 V \sim 2.05 V \\ Max Propagation Delay @ V, Max CL & 5.2ns @ 3.3V, 30pF \\ \end{tabular}$	Number of Circuits	1
Voltage - Supply $0.9 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $0.5 \mu A$ Current - Output High, Low $8 \text{ mA}, 8 \text{ mA}$ Logic Level - Low $0.09 \text{ V} \sim 0.95 \text{ V}$ Logic Level - High $0.86 \text{ V} \sim 2.05 \text{ V}$ Max Propagation Delay @ V, Max CL $5.2 \text{ns @ } 3.3 \text{V}, 30 \text{pF}$	Number of Inputs	1
Current - Quiescent (Max) $0.5\mu A$ Current - Output High, Low $8mA$, $8mA$ $0.09 \text{ V} \sim 0.95 \text{ V}$ Logic Level - High $0.86 \text{ V} \sim 2.05 \text{ V}$ Max Propagation Delay @ V, Max CL $0.20 \text{ V} \sim 0.20 \text{ C}$	Features	Schmitt Trigger
Current - Output High, Low $8mA$, $8mA$ Logic Level - Low $0.09 \text{ V} \sim 0.95 \text{ V}$ Logic Level - High $0.86 \text{ V} \sim 2.05 \text{ V}$ Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V , 30pF	Voltage - Supply	0.9 V ~ 3.6 V
	Current - Quiescent (Max)	0.5μΑ
Logic Level - High 0.86 V ~ 2.05 V Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V, 30pF	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 5.2ns @ 3.3V, 30pF	Logic Level - Low	0.09 V ~ 0.95 V
	Logic Level - High	0.86 V ~ 2.05 V
Operating Temperature -55°C ~ 125°C	Max Propagation Delay @ V, Max CL	5.2ns @ 3.3V, 30pF
Operating Temperature	Operating Temperature	-55°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Supplier Device Package	SC-88A (SC-70-5 / SOT-353)
Package / Case 5-TSSOP, SC-70-5, SOT-353	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?		Report errors?

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Service Guarantees

We guarantee 100% customer satisfaction.

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NLV17SG17DFT2G Payment Methods



















NLV17SG17DFT2G Shipping Methods













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