



# **7UL1G04FU,LF Information**



For Reference Only

Part Number 7UL1G04FU,LF

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** L-MOS LVP SERIES INVERTER VCC:0.

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

For the pricing/inventory/lead time, please contact

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# **7UL1G04FU,LF Specifications**

Manufacturer Part Number7UL1G04FU,LFManufacturerToshiba Semiconductor and StorageCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage5-TSSOP, SC-70-5, SOT-353Series7ULLogic TypeInverterNumber of Circuits1Number of Inputs1Features-Voltage - Supply0.9V ~ 3.6VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.1V ~ 0.4VLogic Level - High0.75V ~ 2.48VMax Propagation Delay @ V, Max CL4.4ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageUSV		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         5-TSSOP, SC-70-5, SOT-353           Series         7UL           Logic Type         Inverter           Number of Circuits         1           Number of Inputs         1           Features         -           Voltage - Supply         0.9V ~ 3.6V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.1V ~ 0.4V           Logic Level - High         0.75V ~ 2.48V           Max Propagation Delay @ V, Max CL         4.4ns @ 3.3V, 30pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount	Manufacturer Part Number	7UL1G04FU,LF
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 5\text{-TSSOP, SC-70-5, SOT-353} \\ \text{Series} & 7\text{UL} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 1 \\ \text{Number of Inputs} & 1 \\ \text{Features} & - \\ \text{Voltage - Supply} & 0.9\text{V} \sim 3.6\text{V} \\ \text{Current - Quiescent (Max)} & 1 \\ \text{Current - Output High, Low} & 8\text{mA}, 8\text{mA} \\ \text{Logic Level - Low} & 0.1\text{V} \sim 0.4\text{V} \\ \text{Logic Level - High} & 0.75\text{V} \sim 2.48\text{V} \\ \text{Max Propagation Delay @ V, Max CL} & 4.4\text{ns @ } 3.3\text{V, } 30\text{pF} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \end{array}$	Manufacturer	Toshiba Semiconductor and Storage
Package         5-TSSOP, SC-70-5, SOT-353           Series         7UL           Logic Type         Inverter           Number of Circuits         1           Number of Inputs         1           Features         -           Voltage - Supply         0.9V ~ 3.6V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.1V ~ 0.4V           Logic Level - High         0.75V ~ 2.48V           Max Propagation Delay @ V, Max CL         4.4ns @ 3.3V, 30pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount	Category	Integrated Circuits (ICs)
Series7ULLogic TypeInverterNumber of Circuits1Number of Inputs1Features-Voltage - Supply0.9V ~ 3.6VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.1V ~ 0.4VLogic Level - High0.75V ~ 2.48VMax Propagation Delay @ V, Max CL4.4ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount		Logic - Gates and Inverters
Logic Type       Inverter         Number of Circuits       1         Number of Inputs       1         Features       -         Voltage - Supply       0.9V ~ 3.6V         Current - Quiescent (Max)       1µA         Current - Output High, Low       8mA, 8mA         Logic Level - Low       0.1V ~ 0.4V         Logic Level - High       0.75V ~ 2.48V         Max Propagation Delay @ V, Max CL       4.4ns @ 3.3V, 30pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Package	5-TSSOP, SC-70-5, SOT-353
Number of Circuits1Number of Inputs1Features-Voltage - Supply $0.9V \sim 3.6V$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4ns @ 3.3V$ , $30pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface Mount	Series	7UL
Number of Inputs 1  Features -  Voltage - Supply 0.9V ~ 3.6V  Current - Quiescent (Max) 1 $\mu$ A  Current - Output High, Low 8mA, 8mA  Logic Level - Low 0.1V ~ 0.4V  Logic Level - High 0.75V ~ 2.48V  Max Propagation Delay @ V, Max CL 4.4ns @ 3.3V, 30pF  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Logic Type	Inverter
Features-Voltage - Supply $0.9V \sim 3.6V$ Current - Quiescent (Max) $1μA$ Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4ns @ 3.3V$ , $30pF$ Operating Temperature $-40$ °C $\sim 85$ °CMounting TypeSurface Mount	Number of Circuits	1
Voltage - Supply $0.9V \sim 3.6V$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4ns @ 3.3V, 30pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface Mount$	Number of Inputs	1
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4ns @ 3.3V, 30pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface Mount$	Features	-
Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4ns @ 3.3V$ , $30pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface Mount	Voltage - Supply	0.9V ~ 3.6V
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Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4$ ns @ $3.3$ V, $30$ pFOperating Temperature $-40^{\circ}$ C $\sim 85^{\circ}$ CMounting TypeSurface Mount	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL4.4ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Logic Level - Low	0.1V ~ 0.4V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	0.75V ~ 2.48V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	4.4ns @ 3.3V, 30pF
	Operating Temperature	-40°C ~ 85°C
Supplier Device Package USV	Mounting Type	Surface Mount
	Supplier Device Package	USV
Package / Case 5-TSSOP, SC-70-5, SOT-353	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?		Report errors?

## **7UL1G04FU,LF 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.

## **7UL1G04FU,LF Payment Methods**



















## **7UL1G04FU,LF Shipping Methods**













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