



# **7UL1G32FU,LF Information**

www.heisener.com

For Reference Only

Part Number 7UL1G32FU,LF

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** X34 L-MOS LVP SERIES GATE OR VCC

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.









# **7UL1G32FU,LF Specifications**

Manufacturer Part Number7UL1G32FU,LFManufacturerToshiba Semiconductor and StorageCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage5-TSSOP, SC-70-5, SOT-353Series7ULLogic TypeOR GateNumber of Circuits1Number of Inputs2Features-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 PackageUSVPackage / Case5-TSSOP, SC-70-5, SOT-353		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         5-TSSOP, SC-70-5, SOT-353           Series         7UL           Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           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           Supplier Device Package         USV           Package / Case         5-TSSOP, SC-70-5, SOT-353	Manufacturer Part Number	7UL1G32FU,LF
Package         5-TSSOP, SC-70-5, SOT-353           Series         7UL           Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           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           Supplier Device Package         USV           Package / Case         5-TSSOP, SC-70-5, SOT-353	Manufacturer	Toshiba Semiconductor and Storage
Package         5-TSSOP, SC-70-5, SOT-353           Series         7UL           Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           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           Supplier Device Package         USV           Package / Case         5-TSSOP, SC-70-5, SOT-353	Category	Integrated Circuits (ICs)
Series         7UL           Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           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           Supplier Device Package         USV           Package / Case         5-TSSOP, SC-70-5, SOT-353		Logic - Gates and Inverters
Logic Type         OR Gate           Number of Circuits         1           Number of Inputs         2           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           Supplier Device Package         USV           Package / Case         5-TSSOP, SC-70-5, SOT-353	Package	5-TSSOP, SC-70-5, SOT-353
Number of Circuits1Number of Inputs2Features-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 PackageUSVPackage / Case5-TSSOP, SC-70-5, SOT-353	Series	7UL
Number of Inputs2Features-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 PackageUSVPackage / Case5-TSSOP, SC-70-5, SOT-353	Logic Type	OR Gate
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  Supplier Device Package  USV  Package / Case	Number of Circuits	1
Voltage - Supply  Current - Quiescent (Max)  Logic Level - Low  Logic Level - High  Max Propagation Delay @ V, Max CL  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  Output High, Low  8mA, 8mA  0.1V ~ 0.4V  0.1V ~ 0.4V  4.4ns @ 3.3V, 30pF  -40°C ~ 85°C  Surface Mount  Supplier Device Package  USV  Package / Case  5-TSSOP, SC-70-5, SOT-353	Number of Inputs	2
Current - Quiescent (Max)  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  Supplier Device Package  USV  Package / Case  5-TSSOP, SC-70-5, SOT-353	Features	-
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  Supplier Device Package  USV  Package / Case  5-TSSOP, SC-70-5, SOT-353	Voltage - Supply	0.9V ~ 3.6V
Logic Level - Low $0.1V \sim 0.4V$ Logic Level - High $0.75V \sim 2.48V$ Max Propagation Delay @ V, Max CL $4.4 \text{ns} \otimes 3.3 \text{V}, 30 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageUSVPackage / Case $5-\text{TSSOP}, \text{SC-70-5}, \text{SOT-353}$	Current - Quiescent (Max)	1μΑ
Logic Level - High0.75V ~ 2.48VMax Propagation Delay @ V, Max CL4.4ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageUSVPackage / Case5-TSSOP, SC-70-5, SOT-353	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL4.4ns @ 3.3V, 30pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageUSVPackage / Case5-TSSOP, SC-70-5, SOT-353	Logic Level - Low	$0.1V \sim 0.4V$
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  USV  Package / Case  5-TSSOP, SC-70-5, SOT-353	Logic Level - High	0.75V ~ 2.48V
Mounting Type Surface Mount Supplier Device Package USV Package / Case 5-TSSOP, SC-70-5, SOT-353	Max Propagation Delay @ V, Max CL	4.4ns @ 3.3V, 30pF
Supplier Device Package  USV  Package / Case  5-TSSOP, SC-70-5, SOT-353	Operating Temperature	-40°C ~ 85°C
Package / Case 5-TSSOP, SC-70-5, SOT-353	Mounting Type	Surface Mount
	Supplier Device Package	USV
Report errors?	Package / Case	5-TSSOP, SC-70-5, SOT-353
·		Report errors?

### **7UL1G32FU,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.

### **7UL1G32FU,LF Payment Methods**



















## **7UL1G32FU,LF Shipping Methods**













If you have any question about 7UL1G32FU,LF, please do not hesitate to contact us!

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