



# TC75S55F,LF Information



For Reference Only

Part Number TC75S55F,LF

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 160KHZ 5SSOP

Package SC-74A, SOT-753

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.









# **TC75S55F,LF Specifications**

Manufacturer Part NumberTC75855F,LFManufacturerToshiba Semiconductor and StorageCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackageSC-74A, SOT-753Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output Type-Slew Rate0.08 V/μsGain Bandwidth Product160kHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset2mVCurrent - Supply10μACurrent - Output / Channel450μAVoltage - Supply, Single/Dual (±)1.8 V ~ 7 V, ±0.9 V ~ 3.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Sc-74A, SOT-753  Series  Amplifier Type General Purpose  Number of Circuits 1 Output Type - Slew Rate 0.08 V/μs  Gain Bandwidth Product 160kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV  Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) 18 V ~ 7 V, ±0.9 V ~ 3.5 V  Operating Temperature  -40°C ~ 85°C	Manufacturer Part Number	TC75S55F,LF
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Toshiba Semiconductor and Storage
Package SC-74A, SOT-753  Series - Amplifier Type General Purpose  Number of Circuits 1 Output Type - Slew Rate 0.08 V/ $\mu$ s  Gain Bandwidth Product 160kHz -3db Bandwidth - Current - Input Bias 1pA  Voltage - Input Offset 2mV  Current - Supply 10 $\mu$ A  Current - Output / Channel 450 $\mu$ A  Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V  Operating Temperature -40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 1   Output Type - Slew Rate 0.08 V/ $\mu$ s   Gain Bandwidth Product 160kHz - 3db Bandwidth - Current - Input Bias 1pA   Voltage - Input Offset 2mV   Current - Supply 10 $\mu$ A   Current - Output / Channel 450 $\mu$ A   Voltage - Supply, Single/Dual (±) 1.8 V ~ 7 V, ±0.9 V ~ 3.5 V   Operating Temperature - 40°C ~ 85°C		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 1   Output Type -   Slew Rate	Package	SC-74A, SOT-753
Number of Circuits 1 Output Type - Slew Rate 0.08 V/ $\mu$ s Gain Bandwidth Product 160kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 10 $\mu$ A Current - Output / Channel 450 $\mu$ A Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V Operating Temperature -40°C ~ 85°C	Series	-
Output Type - Slew Rate 0.08 V/ $\mu$ s Gain Bandwidth Product 160kHz - 3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 2mV Current - Supply 10 $\mu$ A Current - Output / Channel 450 $\mu$ A Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V Operating Temperature -40°C ~ 85°C	Amplifier Type	General Purpose
Slew Rate $0.08 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $160\text{kHz}$ -3db Bandwidth  Current - Input Bias $1\text{pA}$ Voltage - Input Offset $2\text{mV}$ Current - Supply $10\mu\text{A}$ Current - Output / Channel $450\mu\text{A}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 7 \text{ V}, \pm 0.9 \text{ V} \sim 3.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Circuits	1
Gain Bandwidth Product 160kHz -3db Bandwidth - Current - Input Bias 1pA   Voltage - Input Offset 2mV   Current - Supply 10 $\mu$ A   Current - Output / Channel 450 $\mu$ A   Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V   Operating Temperature -40°C ~ 85°C	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.08 V/μs
Current - Input Bias 1pA   Voltage - Input Offset 2mV   Current - Supply 10 $\mu$ A   Current - Output / Channel 450 $\mu$ A   Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V   Operating Temperature -40°C ~ 85°C	Gain Bandwidth Product	160kHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $10\mu A$ Current - Output / Channel $450\mu A$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 7 \text{ V}, \pm 0.9 \text{ V} \sim 3.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Input Bias	1pA
Current - Output / Channel $450\mu A$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 7 \text{ V}, \pm 0.9 \text{ V} \sim 3.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Input Offset	2mV
Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 7 V, $\pm$ 0.9 V ~ 3.5 V Operating Temperature -40°C ~ 85°C	Current - Supply	10μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output / Channel	450μΑ
	Voltage - Supply, Single/Dual (±)	1.8 V ~ 7 V, ±0.9 V ~ 3.5 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SMV	Supplier Device Package	SMV
Report errors		Report errors?

### TC75S55F,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.

### TC75S55F,LF Payment Methods





















### TC75S55F,LF Shipping Methods













If you have any question about TC75S55F,LF, please do not hesitate to contact us!

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