



## **TS27M2CPT Information**



For Reference Only

Part Number TS27M2CPT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1MHZ 8TSSOP **Package** 8-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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# **TS27M2CPT Specifications**

Manufacturer Part Number       TS27M2CPT         Manufacturer       STMicroelectronics         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-TSSOP (0.173", 4.40mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       2         Output Type       -         Slew Rate       0.6 V/μs         Gain Bandwidth Product       1MHz         -3db Bandwidth       -         Current - Input Bias       1pA         Voltage - Input Offset       1.1mV         Current - Supply       150μA         Current - Output / Channel       45mA         Voltage - Supply, Single/Dual (±)       3 V ~ 16 V, ±1.5 V ~ 8 V         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Package / Case       8-TSSOP (0.173", 4.40mm Width)         Supplier Device Package       8-TSSOP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         -           Slew Rate         0.6 V/µs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         1pA           Voltage - Input Offset         1.1mV           Current - Supply         150µA           Current - Output / Channel         45mA           Voltage - Supply, Single/Dual (±)         3 V ~ 16 V, ±1.5 V ~ 8 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         8-TSSOP	Manufacturer Part Number	TS27M2CPT
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP (0.173", 4.40mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate0.6 V/μsGain Bandwidth Product1MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset1.1mVCurrent - Supply150μACurrent - Output / Channel45mAVoltage - Supply, Single/Dual (±)3 V ~ 16 V, ±1.5 V ~ 8 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Manufacturer	STMicroelectronics
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Number of Circuits2Output Type-Slew Rate0.6 V/μsGain Bandwidth Product1MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset1.1mVCurrent - Supply150μACurrent - Output / Channel45mAVoltage - Supply, Single/Dual (±)3 V ~ 16 V, ±1.5 V ~ 8 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Series	-
Output Type - Slew Rate 0.6 V/ $\mu$ s   Gain Bandwidth Product 1MHz - 3db Bandwidth - Current - Input Bias 1pA   Voltage - Input Offset 1.1mV   Current - Supply 150 $\mu$ A   Current - Output / Channel 45mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V   Operating Temperature 0°C ~ 70°C   Mounting Type Surface Mount   Package / Case 8-TSSOP (0.173", 4.40mm Width)   Supplier Device Package 8-TSSOP	Amplifier Type	General Purpose
Slew Rate $0.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1\text{MHz}$ -3db Bandwidth -  Current - Input Bias $1\text{pA}$ Voltage - Input Offset $1.1\text{mV}$ Current - Supply $150\mu\text{A}$ Current - Output / Channel $45\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type $0.173^{\circ}$ , $0.173^{\circ}$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  1pA  Voltage - Input Offset  1.1mV  Current - Supply  150μA  Current - Output / Channel  45mA  Voltage - Supply, Single/Dual (±)  3 V ~ 16 V, ±1.5 V ~ 8 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	0.6 V/μs
Current - Input Bias 1pA  Voltage - Input Offset 1.1mV  Current - Supply 150 $\mu$ A  Current - Output / Channel 45mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 8-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 8-TSSOP	Gain Bandwidth Product	1MHz
Voltage - Input Offset 1.1mV   Current - Supply 150 $\mu$ A   Current - Output / Channel 45mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V   Operating Temperature 0°C ~ 70°C   Mounting Type Surface Mount   Package / Case 8-TSSOP (0.173", 4.40mm Width)   Supplier Device Package 8-TSSOP	-3db Bandwidth	-
Current - Supply $150\mu A$ Current - Output / Channel $45mA$ Voltage - Supply, Single/Dual (±) $3 V \sim 16 V$ , $\pm 1.5 V \sim 8 V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -TSSOP $(0.173^{\circ}, 4.40mm Width)$ Supplier Device Package $8$ -TSSOP	Current - Input Bias	1pA
Current - Output / Channel $45\text{mA}$ Voltage - Supply, Single/Dual (±) $3\text{ V} \sim 16\text{ V}, \pm 1.5\text{ V} \sim 8\text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}$ (0.173", 4.40mm Width)Supplier Device Package $8\text{-TSSOP}$	Voltage - Input Offset	1.1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 16 V, $\pm$ 1.5 V ~ 8 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Current - Supply	150μΑ
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Current - Output / Channel	45mA
Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Voltage - Supply, Single/Dual (±)	3 V ~ 16 V, ±1.5 V ~ 8 V
Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-TSSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	8-TSSOP
Report errors.		Report errors?

## **TS27M2CPT 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.

# **TS27M2CPT Payment Methods**



















## **TS27M2CPT Shipping Methods**













If you have any question about TS27M2CPT, please do not hesitate to contact us!

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