



TS617IDT Information



For Reference Only

Part Number TS617IDT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 300MHZ 14SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TS617IDT Specifications

Manufacturer Part NumberT8617IDTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate1000 V/μsGain Bandwidth Product3db Bandwidth300MHzCurrent - Input Bias30μAVoltage - Input Offset4.5mVCurrent - Supply13mACurrent - Output / Channel550mAVoltage - Supply, Single/Dual (±)4.5 V ~ 13 V, ±2.25 V ~ 6.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOI		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	TS617IDT
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate 1000 V/μs Gain Bandwidth Product - -3db Bandwidth 300MHz Current - Input Bias 30μA Voltage - Input Offset 4.5mV Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Manufacturer	STMicroelectronics
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Amplifier Type Number of Circuits 2 Output Type - Slew Rate 1000 V/µs Gain Bandwidth Product -3db Bandwidth 300MHz Current - Input Bias Voltage - Input Offset 4.5mV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type - Slew Rate 1000 V/μs Gain Bandwidth Product - -3db Bandwidth 300MHz Current - Input Bias 30μA Voltage - Input Offset 4.5mV Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Series	-
Output Type Slew Rate Gain Bandwidth Product -3db Bandwidth Current - Input Bias Voltage - Input Offset Current - Supply 13mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Amplifier Type	General Purpose
Slew Rate Gain Bandwidth Product -3db Bandwidth Current - Input Bias Voltage - Input Offset Current - Supply 13mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth 300MHz Current - Input Bias 30µA Voltage - Input Offset 4.5mV Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Output Type	-
$-3 db \ Bandwidth \qquad 300 MHz \\ Current - Input \ Bias \qquad 30 \mu A \\ Voltage - Input \ Offset \qquad 4.5 mV \\ Current - Supply \qquad 13 mA \\ Current - Output / Channel \qquad 550 mA \\ Voltage - Supply, Single/Dual (\pm) 4.5 V \simeq 13 V, \pm 2.25 V \simeq 6.5 V Operating Temperature -40 °C \simeq 85 °C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO$	Slew Rate	1000 V/μs
Current - Input Bias $30\mu A$ Voltage - Input Offset 4.5mV Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 13 \text{ V}, \pm 2.25 \text{ V} \sim 6.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \sim 85^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} $	Gain Bandwidth Product	-
Voltage - Input Offset Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	-3db Bandwidth	300MHz
Current - Supply 13mA Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Current - Input Bias	30μΑ
Current - Output / Channel 550mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 13 V, ±2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Voltage - Input Offset	4.5mV
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 13 V, \pm 2.25 V ~ 6.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Current - Supply	13mA
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 85^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 14-\mbox{SOIC } (0.154", 3.90\mbox{mm Width)} \\ \mbox{Supplier Device Package} & 14-\mbox{SO} \\ \end{array} $	Current - Output / Channel	550mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Voltage - Supply, Single/Dual (±)	4.5 V ~ 13 V, ±2.25 V ~ 6.5 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SO	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SO	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
_	Supplier Device Package	14-SO
Report errors		Report errors?

TS617IDT Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

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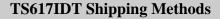
























If you have any question about TS617IDT, please do not hesitate to contact us!

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