

BUF634F Information



For Reference Only

Part Number BUF634F **Manufacturer** Texas Inst

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

 $\textbf{Description} \qquad \text{IC OPAMP BUFFER 180MHZ DDPAK}$

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

us

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



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BUF634F Specifications

Manufacturer Part NumberBUF634FManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Amplifier TypeBufferNumber of Circuits1Output Type-Slew Rate2000 V/μsGain Bandwidth Product3db Bandwidth180MHzCurrent - Input Bias5μAVoltage - Input Offset30mVCurrent - Supply15mACurrent - Output / Channel250mAVoltage - Supply, Single/Dual (±)4.5 V ~ 36 V, ±2.25 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Amplifier TypeBufferNumber of Circuits1Output Type-Slew Rate2000 V/μsGain Bandwidth Product3db Bandwidth180MHzCurrent - Input Bias5μAVoltage - Input Offset30mVCurrent - Supply15mACurrent - Output / Channel250mAVoltage - Supply, Single/Dual (±)4.5 V ~ 36 V, ±2.25 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Manufacturer	Texas Instruments
Package $TO-263-6$, $D2Pak$ (5 Leads + Tab), $TO-263BA$ Series-Amplifier TypeBufferNumber of Circuits1Output Type-Slew Rate $2000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 180MHz Current - Input Bias $5\mu\text{A}$ Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $TO-263-6$, $D2Pak$ (5 Leads + Tab), $TO-263BA$ Supplier Device Package $DDPAK/TO-263-5$	Category	Integrated Circuits (ICs)
Series - Amplifier Type Buffer Number of Circuits 1 Output Type - Slew Rate 2000 V/μs Gain Bandwidth Product - -3db Bandwidth 180MHz Current - Input Bias 5μA Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeBufferNumber of Circuits1Output Type-Slew Rate2000 V/μsGain Bandwidth Product3db Bandwidth180MHzCurrent - Input Bias5μAVoltage - Input Offset30mVCurrent - Supply15mACurrent - Output / Channel250mAVoltage - Supply, Single/Dual (±)4.5 V ~ 36 V, ±2.25 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Number of Circuits 1 Output Type - Slew Rate 2000 V/μs Gain Bandwidth Product - -3db Bandwidth 180MHz Current - Input Bias 5μA Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Series	-
Output Type Slew Rate 2000 V/μs Gain Bandwidth Product -3db Bandwidth 180MHz Current - Input Bias 5μA Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Amplifier Type	Buffer
Slew Rate Gain Bandwidth Product -3db Bandwidth 180MHz Current - Input Bias 5µA Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 180MHz Current - Input Bias 5μA Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	2000 V/μs
Current - Input Bias5μAVoltage - Input Offset30mVCurrent - Supply15mACurrent - Output / Channel250mAVoltage - Supply, Single/Dual (±)4.5 V ~ 36 V, ±2.25 V ~ 18 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Gain Bandwidth Product	-
Voltage - Input Offset 30mV Current - Supply 15mA Current - Output / Channel 250mA Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	-3db Bandwidth	180MHz
Current - Supply Current - Output / Channel 250mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Current - Input Bias	5μΑ
Current - Output / Channel 250mA $ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 36 \ V, \pm 2.25 \ V \sim 18 \ V $ Operating Temperature $ -40^{\circ}C \sim 85^{\circ}C $ Mounting Type $ Surface \ Mount $ Package / Case $ TO-263-6, \ D2Pak \ (5 \ Leads + Tab), \ TO-263BA $ Supplier Device Package $ DDPAK/TO-263-5 $	Voltage - Input Offset	30mV
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 36 V, \pm 2.25 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Current - Supply	15mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Current - Output / Channel	250mA
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Voltage - Supply, Single/Dual (±)	4.5 V ~ 36 V, ±2.25 V ~ 18 V
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Operating Temperature	-40°C ~ 85°C
Supplier Device Package DDPAK/TO-263-5	Mounting Type	Surface Mount
•	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	DDPAK/TO-263-5
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BUF634F 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.

BUF634F Payment Methods





















BUF634F Shipping Methods













If you have any question about BUF634F, please do not hesitate to contact us!

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