## TS3A44159RGTR Information



For Reference Only

Part Number TS3A44159RGTR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
Interface - Analog Switches, Multiplexers, Demultiplexers
Description IC SWITCH QUAD SPDT 16VQFN
Package
16-VFQFN Exposed Pad
For the pricing/inventory/lead time, please contact us
Website: https://www.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.


## TS3A44159RGTR Specifications

| Manufacturer Part Number | TS3A44159RGTR |
| :--- | :--- |
| Manufacturer | Texas Instruments |
| Category | Integrated Circuits (ICs) |
|  | Interface - Analog Switches, Multiplexers, Demultiplexers |
| Package | $16-$ VFQFN Exposed Pad |
| Series | - |
| Switch Circuit | SPDT |
| Multiplexer/Demultiplexer Circuit | $2: 1$ |
| Number of Circuits | 4 |
| On-State Resistance (Max) | 450 mOhm |
| Channel-to-Channel Matching (Ron) | 50 mOhm |
| Voltage - Supply, Single (V+) | $1.65 \mathrm{~V} \sim 4.3 \mathrm{~V}$ |
| Voltage - Supply, Dual (V $\pm$ ) | - |
| Switch Time (Ton, Toff) (Max) | $23 \mathrm{ns}, \mathrm{32ns}$ |
| -3 db Bandwidth | 35 MHz |
| Charge Injection | 139 pC |
| Channel Capacitance (CS(off), CD(off)) | 50 pF |
| Current - Leakage (IS(off)) (Max) | 20 nA |
| Crosstalk | -73 dB @ 100 kHz |
| Operating Temperature | $-40^{\circ} \mathrm{C} \sim 85^{\circ} \mathrm{C}$ (TA) |
| Package / Case | $16-\mathrm{VFQFN} \mathrm{Exposed} \mathrm{Pad}$ |
| Supplier Device Package | $16-\mathrm{QFN} \mathrm{(3x3)}$ |
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## TS3A44159RGTR 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.

## TS3A44159RGTR Payment Methods



## TS3A44159RGTR Shipping Methods

If you have any question about TS3A44159RGTR, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

