



#### **SN74F175DRE4 Information**



For Reference Only

Part Number SN74F175DRE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Flip Flops

**Description** IC D-TYPE POS TRG SNGL 16SOIC **Package** 16-SOIC (0.154", 3.90mm 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**

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.









# **SN74F175DRE4 Specifications**

Manufacturer Part NumberSN74F175DRE4ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Logic - Flip FlopsPackage16-SOIC (0.154", 3.90mm Width)Series74FFunctionMaster ResetTypeD-TypeOutput TypeDifferentialNumber of Elements1Number of Bits per Element4Clock Frequency140MHzMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pF
Category  Integrated Circuits (ICs)  Logic - Flip Flops  Package  16-SOIC (0.154", 3.90mm Width)  Series  74F  Function  Master Reset  Type  Output Type  Differential  Number of Elements  1  Number of Bits per Element  Clock Frequency  Max Propagation Delay @ V, Max CL  Integrated Circuits (ICs)  Logic - Flip Flops  16-SOIC (0.154", 3.90mm Width)  74F  Punction  Master Reset  D-Type  Differential  1  Number of Elements  4  Clock Frequency  140MHz  8.5ns @ 5V, 50pF
Logic - Flip Flops Package 16-SOIC (0.154", 3.90mm Width) Series 74F Function Master Reset Type D-Type Output Type Differential Number of Elements 1 Number of Bits per Element 4 Clock Frequency 140MHz Max Propagation Delay @ V, Max CL 8.5ns @ 5V, 50pF
Package 16-SOIC (0.154", 3.90mm Width)  Series 74F  Function Master Reset  Type D-Type  Output Type Differential  Number of Elements 1  Number of Bits per Element 4  Clock Frequency 140MHz  Max Propagation Delay @ V, Max CL 8.5ns @ 5V, 50pF
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Max Propagation Delay @ V, Max CL 8.5ns @ 5V, 50pF
Trigger Type Positive Edge
Current - Output High, Low 1mA, 20mA
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$
Current - Quiescent (Iq) 34mA
Input Capacitance -
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Mounting Type Surface Mount
Package / Case 16-SOIC (0.154", 3.90mm Width)
Report errors

#### **SN74F175DRE4** 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.

### **SN74F175DRE4 Payment Methods**



















## **SN74F175DRE4 Shipping Methods**













If you have any question about SN74F175DRE4, please do not hesitate to contact us!

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