

## N74F86D,602 Information



For Reference Only

Part Number N74F86D,602

Manufacturer NXP

Category Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC GATE XOR 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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## **Certified Quality**

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# N74F86D,602 Specifications

| Manufacturer       N74F86D,602         Manufacturer       NXP         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.154", 3.90mm Width)         Series       74F         Logic Type       XOR (Exclusive OR)         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       -         Current - Output High, Low       ImA, 20mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       7ns @ 5V, 50pF         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Supplier Device Package       14-SO         Package / Case       14-SOIC (0.154", 3.90mm Width) |                                   |                                |
|--|-----------------------------------|--------------------------------|
| Category         Integrated Circuits (ICs)           Package         14-SOIC (0.154", 3.90mm Width)           Series         74F           Logic Type         XOR (Exclusive OR)           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         -           Current - Output High, Low         1mA, 20mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         7ns @ 5V, 50pF           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Supplier Device Package         14-SOIC (0.154", 3.90mm Width)  | Manufacturer Part Number          | N74F86D,602                    |
| Package         14-SOIC (0.154", 3.90mm Width)           Series         74F           Logic Type         XOR (Exclusive OR)           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         -           Current - Output High, Low         1mA, 20mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         7ns @ 5V, 50pF           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Supplier Device Package         14-SO           Package / Case         14-SOIC (0.154", 3.90mm Width)  | Manufacturer                      | NXP                            |
| Package         14-SOIC (0.154", 3.90mm Width)           Series         74F           Logic Type         XOR (Exclusive OR)           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         -           Current - Output High, Low         1mA, 20mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         7ns @ 5V, 50pF           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Supplier Device Package         14-SO           Package / Case         14-SOIC (0.154", 3.90mm Width)  | Category                          | Integrated Circuits (ICs)      |
| Series74FLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)-Current - Output High, LowImA, 20mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)  |                                   | Logic - Gates and Inverters    |
| Logic Type XOR (Exclusive OR)  Number of Circuits 4  Number of Inputs 2  Features - Quiescent (Max) - Current - Quiescent (Max) - ImA, 20mA  Logic Level - Low 0.8V  Logic Level - High 2V  Max Propagation Delay @ V, Max CL 7ns @ 5V, 50pF  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Supplier Device Package 14-SOC  Package / Case 14-SOIC (0.154", 3.90mm Width)   | Package                           | 14-SOIC (0.154", 3.90mm Width) |
| Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)-Current - Output High, LowImA, 20mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)   | Series                            | 74F                            |
| Number of Inputs  Features  Voltage - Supply  4.5 V ~ 5.5 V  Current - Quiescent (Max)  Current - Output High, Low  ImA, 20mA  Logic Level - Low  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  O°C ~ 70°C  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  14-SOIC (0.154", 3.90mm Width)  | Logic Type                        | XOR (Exclusive OR)             |
| Features  Voltage - Supply  4.5 V ~ 5.5 V  Current - Quiescent (Max)  - Current - Output High, Low  Logic Level - Low  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  O°C ~ 70°C  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  - Current - Output High, Low  ImA, 20mA  0.8V  2V  7ns @ 5V, 50pF  O°C ~ 70°C  Surface Mount  14-SOIC (0.154", 3.90mm Width)   | Number of Circuits                | 4                              |
| Voltage - Supply  4.5 V ~ 5.5 V  Current - Quiescent (Max)  - Current - Output High, Low  ImA, 20mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Supplier Device Package  14-SO  Package / Case  4.5 V ~ 5.5 V  - Common Supplier Device Package  14-SOIC (0.154", 3.90mm Width)  | Number of Inputs                  | 2                              |
| Current - Quiescent (Max)  Current - Output High, Low  ImA, 20mA  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Supplier Device Package  14-SO  Package / Case  14-SOIC (0.154", 3.90mm Width)  | Features                          | -                              |
| Current - Output High, Low  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC (0.154", 3.90mm Width)   | Voltage - Supply                  | 4.5 V ~ 5.5 V                  |
| Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)  | Current - Quiescent (Max)         | -                              |
| Logic Level - High2VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)   | Current - Output High, Low        | 1mA, 20mA                      |
| Max Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)   | Logic Level - Low                 | 0.8V                           |
| Operating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)  | Logic Level - High                | 2V                             |
| Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)  | Max Propagation Delay @ V, Max CL | 7ns @ 5V, 50pF                 |
| Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)  | Operating Temperature             | 0°C ~ 70°C                     |
| Package / Case 14-SOIC (0.154", 3.90mm Width)  | Mounting Type                     | Surface Mount                  |
|  | Supplier Device Package           | 14-SO                          |
| Report errors?   | Package / Case                    | 14-SOIC (0.154", 3.90mm Width) |
| Report crisis:   |                                   | Report errors?                 |

## N74F86D,602 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.

## N74F86D,602 Payment Methods





















## N74F86D,602 Shipping Methods













If you have any question about N74F86D,602, please do not hesitate to contact us!

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