

### 74F11SJ Information

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For Reference Only

Part Number 74F11SJ

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE AND 3CH 3-INP 14-SOIC **Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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# 74F11SJ Specifications

| Manufacturer Part Number       74F118J         Manufacturer       Fairchild/ON Semiconductor         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74F         Logic Type       AND Gate         Number of Circuits       3         Number of Inputs       3         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       5.6ns @ 5V, 50pF         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Supplies Daviso Backage       14 SOP |                                   |                                |
|--|-----------------------------------|--------------------------------|
| Category  Integrated Circuits (ICs)  Logic - Gates and Inverters  Package  14-SOIC (0.209", 5.30mm Width)  Series  74F  Logic Type  AND Gate  Number of Circuits  3  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  Max Propagation Delay @ V, Max CL  Operating Temperature  Mounting Type  Integrated Circuits (ICs)  Logic - Gates and Inverters  14-SOIC (0.209", 5.30mm Width)  3  74F  AND Gate  3  Number of Inputs  3  ImA, 20mA  Logic Level - High  Overating Temperature  Overating Temperature  Overating Temperature  Overating Temperature  Overating Temperature  Surface Mount  | Manufacturer Part Number          | 74F11SJ                        |
| Package 14-SOIC (0.209", 5.30mm Width)  Series 74F  Logic Type AND Gate  Number of Circuits 3  Number of Inputs 3  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 5.6ns @ 5V, 50pF  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount   | Manufacturer                      | Fairchild/ON Semiconductor     |
| Package 14-SOIC (0.209", 5.30mm Width)  Series 74F  Logic Type AND Gate  Number of Circuits 3  Number of Inputs 3  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 5.6ns @ 5V, 50pF  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount   | Category                          | Integrated Circuits (ICs)      |
| Series74FLogic TypeAND GateNumber of Circuits3Number of Inputs3Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)-Current - Output High, Low1mA, 20mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL5.6ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface Mount  |                                   | Logic - Gates and Inverters    |
| Logic Type AND Gate  Number of Circuits 3  Number of Inputs 3  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 Operating Temperature Mounting Type AND Gate  3  AND Gate  AND Gate  AND Gate  Supply 6  5  6  5  6  5  Current - Output High  | Package                           | 14-SOIC (0.209", 5.30mm Width) |
| Number of Circuits3Number of Inputs3Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)-Current - Output High, Low1mA, 20mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL5.6ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface Mount   | 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   | Logic Type                        | AND Gate                       |
| 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 5.6ns @ 5V, 50pF  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  | Number of Circuits                | 3                              |
| Voltage - Supply  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  4.5 V ~ 5.5 V  | Number of Inputs                  | 3                              |
| 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  | 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  | Voltage - Supply                  | 4.5 V ~ 5.5 V                  |
| Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL5.6ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface Mount  | Current - Quiescent (Max)         | -                              |
| Logic Level - High2VMax Propagation Delay @ V, Max CL5.6ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface Mount   | Current - Output High, Low        | 1mA, 20mA                      |
| Max Propagation Delay @ V, Max CL5.6ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface Mount   | Logic Level - Low                 | 0.8V                           |
| Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  | Logic Level - High                | 2V                             |
| Mounting Type Surface Mount  | Max Propagation Delay @ V, Max CL | 5.6ns @ 5V, 50pF               |
| 2.55   | Operating Temperature             | 0°C ~ 70°C                     |
| Supplier Daviga Packaga  | Mounting Type                     | Surface Mount                  |
| Supplied Device rackage 14-SOF   | Supplier Device Package           | 14-SOP                         |
| Package / Case 14-SOIC (0.209", 5.30mm Width)  | Package / Case                    | 14-SOIC (0.209", 5.30mm Width) |
| Report errors?   |                                   | Report errors?                 |

#### 74F11SJ 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.

## 74F11SJ Payment Methods



















# 74F11SJ Shipping Methods













If you have any question about 74F11SJ, please do not hesitate to contact us!

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