

FPF1038UCX



ON Semiconductor®

Part Number: [FPF1038UCX](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC LOAD MGMT SWITCH ADV 6-WLCSP

Data sheet:  [FPF1038,1039](#)

RoHs Status: Lead free / RoHS Compliant

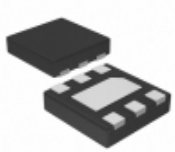
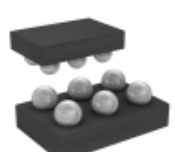
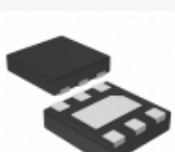
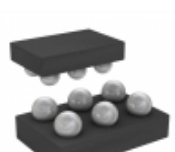
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                  |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FPF1038UCX                                | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC LOAD MGMT SWITCH ADV 6-WLCSP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 154956 pcs                                | Data sheet                       | <a href="#">FPF1038,1039</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | Not Required                                         |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.2 V ~ 5.5 V                             | Switch Type                      | General Purpose                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6-WLCSP (0.96x1.66)                       | Series                           | IntelliMAX™                                          |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20 mOhm                                   | Ratio - Input:Output             | 1:1                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                             | Package / Case                   | 6-UFBGA, WLCSP                                       |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | P-Channel                                 | Output Configuration             | High Side                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FPF1038UCXCT                              | Operating Temperature            | -40°C ~ 85°C (TA)                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | On/Off                                    | Input Type                       | Non-Inverting                                        |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Slew Rate Controlled                      | Fault Protection                 | -                                                    |
| Current - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3.5A                                      | Base Part Number                 | FPF1038                                              |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">FPF1203UCX</a><br>Description: IC LOAD SWITCH INTELLIMAX 4WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1108</a><br>Description: IC LOAD MGMT SWITCH P-CH 4-WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1016</a><br>Description: IC LOAD SWITCH 1V ADVANCED 6UMLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1013</a><br>Description: IC LOAD SWITCH 1V ADVANCE 6WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1103</a><br>Description: IC LOAD MGMT SWITCH P-CH 4-WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1014</a><br>Description: IC LOAD SWITCH 1V ADVANCE 6WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1107</a><br>Description: IC LOAD MGMT SWITCH P-CH 4-WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1039BUCX</a><br>Description: IC LOAD MGMT SWITCH ADV 6-WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1009</a><br>Description: IC LOAD SWITCH P-CH 2X2 MICROFET    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1015</a><br>Description: IC LOAD SWITCH 1V ADVANCED 6UMLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1039UCX</a><br>Description: IC LOAD MGMT SWITCH ADV 6-WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1018</a><br>Description: IC LOAD SWITCH 1V ADVANCED 6UMLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1104</a><br>Description: IC LOAD MGMT SWITCH P-CH 4-WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1008</a><br>Description: IC LOAD SWITCH P-CH 2X2 MICROFET    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1013_P</a><br>Description: IC LOAD SWITCH 1V ADVANCE 6WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1203LUCX</a><br>Description: IC POWER DIST LOAD SW 4-WLCSP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1048BUCX</a><br>Description: IC LOAD MGMT SWITCH ADV 6-WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1017</a><br>Description: IC LOAD SWITCH 1V ADVANCED 6UMLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF1009R</a><br>Description: IC LOAD MGMT SW P-CH 6-MICROFET    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FPF12045UCX</a><br>Description: IC POWER DIST SLEW CNTRL 4WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for FPF1038UCX

|                                        |                                      |                                           |                                            |
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