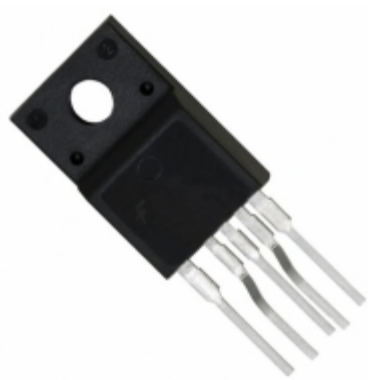


FS6X1220RTYDTU



**ON Semiconductor®** 

**Part Number:** [FS6X1220RTYDTU](#)

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

**Description** IC SWIT PWM CM UVLO HV TO220F

**Data sheet:**  [FS6X1220R](#)

**RoHs Status:** Lead free / RoHS Compliant

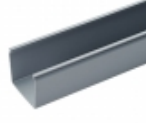
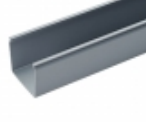
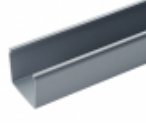
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | FS6X1220RTYDTU                                                          | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC SWIT PWM CM UVLO HV TO220F                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5900 pcs                                                                | Data sheet                     | <a href="#">FS6X1220R</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply (Vcc/Vdd)     | 9 V ~ 35 V                                           |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15V                                                                     | Voltage - Breakdown            | 200V                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flyback, Forward                                                        | Supplier Device Package        | TO-220F-5L (Forming)                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | FPS™                                                                    | Power (Watts)                  | 40W                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tube                                                                    | Package / Case                 | TO-220-5 Full Pack (Formed Leads)                    |
| Output Isolation                                                                                                                                                                                                                                                                                                                                                                                                                                     | Isolated                                                                | Other Names                    | FS6X1220RTYDTU_NL<br>FS6X1220RTYDTU_NL-ND            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | -25°C ~ 85°C (TA)                                                       | Mounting Type                  | Through Hole                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 (Unlimited)                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                     | Frequency - Switching          | 300kHz                                               |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Limiting, Over Load, Over Temperature, Over Voltage             | Duty Cycle                     | 80%                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | Converter Offline Flyback, Forward Topology 300kHz TO-220F-5L (Forming) | Control Features               | -                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | FS6X1220                                                                |                                |                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5900 pieces of AMI Semiconductor / ON Semiconductor FS6X1220RTYDTU in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                         |                                |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                                |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">FS6X0420RJX</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6M07652RTCTU</a><br>Description: IC SWIT PWM CM OVP OCP HV TO220   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6M12653RTCYDT</a><br>Description: IC SWIT PWM CM OVP OCP HV TO220  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6S1265REYDTU</a><br>Description: IC SWIT PWM CM OVP UVLO HV TO3P   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X1220RJX</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6S15653RBYDTU</a><br>Description: IC SWIT PWM CM OVP UVLO HV TO3P  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X1220RJ</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X4WH6NM</a><br>Description: WIRE DUCT SOLID BASE WHITE 6'         | Manufacturers: <a href="#">Panduit</a>                                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X4LG6</a><br>Description: WIRE DUCT SOLID BASE SCRW GRY 6'        | Manufacturers: <a href="#">Panduit</a>                                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X0720RJ</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X0720RJX</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6377-01G-XTP</a><br>Description: IC CLOCK GEN PLL PROG 16SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X1220RD</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X0420RJ</a><br>Description: IC SWIT PWM CM OVP UVLO HV D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X4LG6-A</a><br>Description: WIRE DUCT SOLID BASE ADH SCRW 6'      | Manufacturers: <a href="#">Panduit</a>                                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6377-01IG-XTP</a><br>Description: IC CLOCK GEN PLL PROG 16SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6377-01IG-XTD</a><br>Description: IC CLOCK GEN 3-PLL PROGR 16-SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6X4LG6NM</a><br>Description: WIRE DUCT SOLID BASE GRAY 6'          | Manufacturers: <a href="#">Panduit</a>                                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6M07652RTCYDT</a><br>Description: IC SWIT PWM CM OVP OCP HV TO220  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FS6R06VE3B2BOMA1</a><br>Description: MOD IGBT LOW PWR EASY750-1      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |

Related keywords for FS6X1220RTYDTU

|                                        |                                      |                                           |                                            |
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| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| FS6X1220RTYDTU                         |                                      |                                           |                                            |

