

## FGSD12SR6012NA



**Part Number:** [FGSD12SR6012NA](#)  
**Manufacturer:** [FDK America](#)  
**Description:** DC DC CONVERTER 0.45-5.5V 66W  
**Data sheet:** [FGSD12SR6012xA](#)

**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                      | <a href="#">FGSD12SR6012NA</a>  |
| Manufacturer                     | <a href="#">FDK America</a>   |
| Description                      | DC DC CONVERTER 0.45-5.5V 66W   |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Quantity Available               | 9359 pcs  |
| Product Photo                    | <a href="#">FGSD12SR6012NA.jpg</a>  |
| Category                         | <a href="#">Power Supplies - Board Mount</a>  |
| Voltage - Output 3               | -   |
| Voltage - Output 2               | -   |
| Voltage - Output 1               | 0.45 ~ 5.5 V  |
| Voltage - Input (Min)            | 3V  |
| Voltage - Input (Max)            | 14.4V   |
| Type                             | Non-Isolated PoL Module, Digital  |
| Size / Dimension                 | 0.48" L x 0.48" W x 0.33" H (12.2mm x 12.2mm x 8.5mm)                                       |
| Series                           | Tomodachi   |
| Packaging                        | Tape & Reel (TR)  |
| Package / Case                   | Module  |
| Other Names                      | SY-620TR  |
| Operating Temperature            | -40°C ~ 85°C  |
| Number of Outputs                | 1   |
| Mounting Type                    | Surface Mount   |
| Moisture Sensitivity Level (MSL) | 2A (4 Weeks)  |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Features                         | Remote On/Off, OCP, OTP, UVLO   |
| Efficiency                       | 95.4%   |
| Detailed Description             | Non-Isolated PoL Module, Digital DC DC Converter 1 Output 0.45 ~ 5.5 V 12A 3V - 14.4V Input |
| Current - Output (Max)           | 12A   |
| Control Features                 | Enable, Active Low  |
| Applications                     | ITE (Commercial)  |

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|  |  |   |                     |
|--|--|---|---------------------|
|  | Part#: <a href="#">FGS.3F.322.XLM</a><br>Description: CONN PLUG FEMALE 22POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 5185                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGSR12SR6006NA</a><br>Description: DC DC CONVERTER 0.6-5.5V 33W       | Manufacturers: <a href="#">FDK America</a><br>In Stock: 10826                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2M.308.XLMT</a><br>Description: CONN INLINE PLUG                  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4401                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGSD12SR6003NA</a><br>Description: DC DC CONVERTER 0.45-5.5V 17W      | Manufacturers: <a href="#">FDK America</a><br>In Stock: 12996                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.3F.330.XLM</a><br>Description: CONN PLUG FEMALE 30POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4633                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.319.XLMS</a><br>Description: CONN PLUG FEMALE 19POS GOLD CRIMP | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4407                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2M.319.XLMT</a><br>Description: CONN PLUG FEMALE 19POS GOLD CRIMP | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4683                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGSR12SR6012NA</a><br>Description: DC DC CONVERTER 0.6-5.5V 66W       | Manufacturers: <a href="#">FDK America</a><br>In Stock: 9475                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.319.CLM</a><br>Description: CONN PLUG FEMALE 19POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4740                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2M.310.XLMT</a><br>Description: CONN INLINE PLUG                  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 5896                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGSR12SR6003NA</a><br>Description: DC DC CONVERTER 0.6-5.5V 17W       | Manufacturers: <a href="#">FDK America</a><br>In Stock: 12194                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.1M.308.XLMTY</a><br>Description: CONN INLINE PLUG                 | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4889                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.310.XLM</a><br>Description: CONN INLINE PLUG 10SKT CRIMP       | Manufacturers: <a href="#">LEMO</a><br>In Stock: 897                                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.312.CLM</a><br>Description: CONN PLUG FEMALE 12POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 5008                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS15N40LTF</a><br>Description: IGBT 400V 2W 8SOP                     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a><br>In Stock: 135363 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2M.312.XLMT</a><br>Description: CONN PLUG FEMALE 12POS GOLD CRIMP | Manufacturers: <a href="#">LEMO</a><br>In Stock: 5279                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.3F.330.XLMS</a><br>Description: CONN PLUG FEMALE 30POS GOLD CRIMP | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4417                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.319.XLM</a><br>Description: CONN PLUG FEMALE 19POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 4434                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGS.2F.312.XLM</a><br>Description: CONN PLUG FEMALE 12POS GOLD CRIMP  | Manufacturers: <a href="#">LEMO</a><br>In Stock: 5710                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FGSD12SR6006NA</a><br>Description: DC DC CONVERTER 0.45-5.5V 33W      | Manufacturers: <a href="#">FDK America</a><br>In Stock: 12369                           | <a href="#">RFQ</a> |

### Related keywords for FGSD12SR6012NA

|                                   |                                |  |                      |
|-----------------------------------|--------------------------------|--|----------------------|
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