

SG3524N



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Part Number: [SG3524N](#)

Manufacturer [STMicroelectronics](#)

Description IC REG CTRLR FLYBK/PSH-PLL 16DIP

Data sheet:  [SG3524](#)

RoHS Status: Lead free / RoHS Compliant

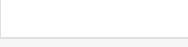
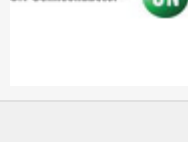
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                | SG3524N                                   | Manufacturer                     | <a href="#">STMicroelectronics</a>                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR FLYBK/PSH-PLL 16DIP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                         | 84973 pcs                                 | Data sheet                       | <a href="#">SG3524</a>                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 8 V ~ 40 V                                                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                   | Flyback, Push-Pull                        | Synchronous Rectifier            | No                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                    | 16-DIP                                    | Series                           | -                                                                                         |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Packaging                        | Tube                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                             | 16-DIP (0.300", 7.62mm)                   | Output Type                      | Transistor Driver                                                                         |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                              | 1                                         | Output Configuration             | Positive                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                | 497-2992-5                                | Operating Temperature            | 0°C ~ 70°C (TA)                                                                           |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                          | 2                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                            | 10 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Function                                                                                                                                                                                                                                                                                                                                                                                                   | Step-Up/Step-Down                         | Frequency - Switching            | 300kHz                                                                                    |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                           | 45%                                       | Detailed Description             | Flyback, Push-Pull Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 16-DIP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                           | Enable                                    | Clock Sync                       | No                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                           | SG3524                                    |                                  |                                                                                           |
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|  | Part#: <a href="#">SG3525ADW</a><br>Description: IC REG CTRLR PUSH-PULL 16SOIC       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SG3525ADW</a><br>Description: IC REG CTRLR PUSH-PULL 16SOIC       | Manufacturers: <a href="#">Microsemi</a>                                            | <div>RFQ</div> |
|  | Part#: <a href="#">SG3524P</a><br>Description: IC REG CTRL FLYBK/PSH-PLL 16SOIC      | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <div>RFQ</div> |
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|  | Part#: <a href="#">SG3524P013TR</a><br>Description: IC REG CTRL FLYBK/PSH-PLL 16SOIC | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <div>RFQ</div> |
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Related keywords for SG3524N

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