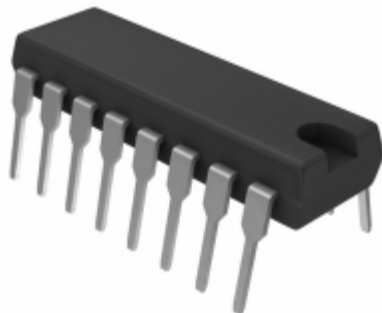


SG2524N



Images are for reference only.  
See Product Specifications for product details.  
Buy SG2524N with confidence from Component-World.HK, 1 Year Warranty



Part Number: [SG2524N](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR MULT TOPOLOGY 16DIP

Data sheet:  [SG1524](#)

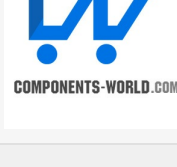
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                             |                                  |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | SG2524N                                                                                                     | Manufacturer                     | <a href="#">Microsemi</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG CTRLR MULT TOPOLOGY 16DIP                                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4678 pcs                                                                                                    | Data sheet                       | <a href="#">SG1524</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                                   | Voltage - Supply (Vcc/Vdd)       | 8 V ~ 40 V                   |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck, Flyback, Push-Pull                                                                                    | Synchronous Rectifier            | Yes                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 16-PDIP                                                                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                            | 12047348                                                                                                    | Operating Temperature            | -25°C ~ 85°C (TA)            |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                                  | Function                         | Step-Down, Step-Up/Step-Down |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                  | 100kHz ~ 300kHz                                                                                             | Duty Cycle (Max)                 | 49%                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck, Flyback, Push-Pull Regulator Positive Output Step-Down, Step-Up/Step-Down DC-DC Controller IC 16-PDIP | Control Features                 | Enable                       |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                          | Base Part Number                 | SG*524                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4678 pieces of Microsemi SG2524N 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                             |                                  |                              |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                   |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
|  | Part#: <a href="#">SG252280C-48</a><br>Description: FSG, .252"H X .280"W X 48"L       | Manufacturers: <a href="#">Leader Tech Inc.</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">SG2526N</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18DIP        | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2525AP</a><br>Description: IC REG CTRLR BCK/PSH-PULL 16SOIC      | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524BN</a><br>Description: IC REG CTRLR FLYBACK 16DIP            | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524D</a><br>Description: IC REG CTRLR MULT TOP 16SOIC           | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524D</a><br>Description: IC REG CTRLR MULT TOP 16SOIC           | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524DRE4</a><br>Description: IC REG CTRLR MULT TOP 16SOIC        | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|   | Part#: <a href="#">SG250S-C</a><br>Description: SUPER-GRIP CABLE TIE                  | Manufacturers: <a href="#">Panduit</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">SG2525AN</a><br>Description: IC REG CTRLR PUSH-PULL 16DIP          | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2525AN</a><br>Description: IC REG CTRLR BCK/PUSH-PULL 16DIP      | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524DRG4</a><br>Description: IC REG CTRLR MULT TOP 16SOIC        | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">SG2526DW</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18SOIC      | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524BDW</a><br>Description: IC REG CTRLR BUCK 16SOIC             | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|   | Part#: <a href="#">SG250S-C0</a><br>Description: SUPER-GRIP CABLE TIE                 | Manufacturers: <a href="#">Panduit</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">SG2525ADW</a><br>Description: IC REG CTRLR PUSH-PULL 16SOIC        | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524N</a><br>Description: IC REG CTRLR MULT TOPOLOGY 16DIP       | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">SG2525AP013TR</a><br>Description: IC REG CTRLR BCK/PSH-PULL 16SOIC | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SG2526BDW</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18SOIC     | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2526BN</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18DIP       | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SG2524DR</a><br>Description: IC REG CTRLR MULT TOP 16SOIC          | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |

| Related keywords for SG2524N          |                                             |                                           |                                          |
|---------------------------------------|---------------------------------------------|-------------------------------------------|------------------------------------------|
| Microsemi SG2524N                     | SG2524N distributor                         | SG2524N supplier                          | SG2524N price                            |
| SG2524N download datasheet            | SG2524N datasheet                           | SG2524N stock                             | buy SG2524N                              |
| Microsemi SG2524N                     | Microsemi Analog Mixed Signal Group SG2524N | Microsemi Analog Mixed Signal Group [MIL] | Microsemi Consumer Medical Product Group |
|                                       |                                             | SG2524N                                   | SG2524N                                  |
| Microsemi HI-REL [MIL] SG2524N        | Microsemi Power Management Group SG2524N    | Microsemi Power Products Group SG2524N    | Microsemi SoC SG2524N                    |
| Microsemi Commercial Components Group | Microsemi Corporation SG2524N               | Microsemi Solutions Sdn Bhd. SG2524N      |                                          |
| SG2524N                               |                                             |                                           |                                          |

