

SG1577SZ



ON Semiconductor®

Part Number: [SG1577SZ](#)

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

Description: IC REG CTRLR BUCK/BOOST 20-SOP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER              |                                           |                                  |                                                      |
|--------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                    | SG1577SZ                                  | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                    | IC REG CTRLR BUCK/BOOST 20-SOP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available             | 5749 pcs                                  | Data sheet                       |                                                      |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 8 V ~ 15 V                                           |
| Topology                       | -                                         | Synchronous Rectifier            | -                                                    |
| Supplier Device Package        | 20-SOP                                    | Series                           | -                                                    |
| Serial Interfaces              | -                                         | Packaging                        | Tape & Reel (TR)                                     |
| Package / Case                 | 20-SOIC (0.295", 7.50mm Width)            | Output Type                      | -                                                    |
| Output Phases                  | -                                         | Output Configuration             | -                                                    |
| Other Names                    | SG1577SZTR                                | Operating Temperature            | -40°C ~ 85°C (TA)                                    |
| Number of Outputs              | 2                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                        |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Function                         | -                                                    |
| Frequency - Switching          | -                                         | Duty Cycle (Max)                 | 95%                                                  |
| Detailed Description           | Regulator DC-DC Controller IC 20-SOP      | Control Features                 | -                                                    |
| Clock Sync                     | -                                         | Base Part Number                 | SG1577                                               |

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RFQ Email: info@Components-World.com

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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|
|  | Part#: <a href="#">SG1526J-883B</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18JDIP    | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG160</a><br>Description: ICL 2.5 OHM 15% 15A                        | Manufacturers: <a href="#">Ametherm</a>                             | RFQ |
|  | Part#: <a href="#">SG1825CJ</a><br>Description: IC REG CTRLR BUCK/FLYBACK 16DIP         | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG157500B-24.00</a><br>Description: .157"H X .500"W 24"L--BELL SHAPE | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG1548J-DESC</a><br>Description: IC PWR FAULT MON QUAD 16JDIP        | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG160160Z-48.00</a><br>Description: .160"H X .160"W X 48"L--ROUND--C | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG1544J-883B</a><br>Description: IC SUPERVISOR 2.5V 25MA 18-JDIP     | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG170</a><br>Description: ICL 4 OHM 15% 8A                           | Manufacturers: <a href="#">Ametherm</a>                             | RFQ |
|  | Part#: <a href="#">SG160240D-48</a><br>Description: .160"H X .240"W X 48"L--D SHAPED    | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG1825CJ-883B</a><br>Description: IC REG CTRLR BUCK/FLYBACK 16DIP    | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG1548J-883B</a><br>Description: IC PWR FAULT MON QUAD 16JDIP        | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG1577ASY</a><br>Description: IC REG CTRLR BUCK/BOOST 20SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">SG1577DY</a><br>Description: IC REG CTRLR BUCK/BOOST 20DIP           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">SG16</a><br>Description: ICL 60 OHM 1.5A                             | Manufacturers: <a href="#">Ametherm</a>                             | RFQ |
|  | Part#: <a href="#">SG1544J-DESC</a><br>Description: IC SUPERVISOR 2.5V 25MA 18-JDIP     | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG160790E-48</a><br>Description: .160"H X .790" W X 48"L--OVAL--C    | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG175015DS</a><br>Description: D-SUB CONNECTOR SHIELD GASKETS,       | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG180400D-12</a><br>Description: .180"H X 400"W X 12"L--D SHAPED-    | Manufacturers: <a href="#">Leader Tech Inc.</a>                     | RFQ |
|  | Part#: <a href="#">SG1526BJ-DESC</a><br>Description: IC REG CTRLR BUCK/FLYBACK 18JDIP   | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |
|  | Part#: <a href="#">SG1548J</a><br>Description: IC PWR FAULT MON QUAD 16JDIP             | Manufacturers: <a href="#">Microsemi</a>                            | RFQ |

| Related keywords for SG1577SZ                 |                                        |                                    |                                           |
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