

AS1752S



Part Number: [AS1752S](#)

Manufacturer [ams](#)

Description IC SWITCH QUAD SPST 14-TSSOP

Data sheet:  [AS1751-53](#)

RoHs Status: Lead free / RoHS Compliant

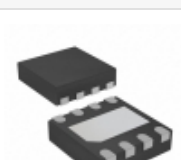
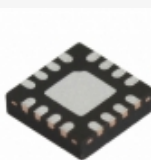
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                    |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | AS1752S                                   | Manufacturer                       | <a href="#">ams</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH QUAD SPST 14-TSSOP              | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 4783 pcs                                  | Data sheet                         | <a href="#">AS1751-53</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 1.6 V ~ 3.6 V                             |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Switch Time (Ton, Toff) (Max)      | 22ns, 14ns                                |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                             | SPST - NC                                 | Supplier Device Package            | 14-TSSOP                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                          | Tube                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 14-TSSOP (0.173", 4.40mm Width)           | Operating Temperature              | -40°C ~ 85°C (TA)                         |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                  | 900 mOhm                                  | Number of Circuits                 | 4                                         |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                          | 1:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 900 mOhm 14-TSSOP |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                          | 2.5nA                                     | Crosstalk                          | -80dB @ 1MHz                              |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                           | 2pC                                       | Channel-to-Channel Matching (ΔRon) | 30 mOhm                                   |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                     | 45pF, 45pF                                | -3db Bandwidth                     | -                                         |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                         |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|
|  | Part#: <a href="#">AS1744G-T-1K</a><br>Description: IC ANALOG SWITCH DL SPDT 10-MSOP  | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1751S</a><br>Description: IC SWITCH QUAD SPST 14-TSSOP           | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1746-BTDT</a><br>Description: IC SWITCH DUAL SPDT 10-TDFN        | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1747-BTDT-1K</a><br>Description: IC SWITCH DUAL SPDT 10TDFN      | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1752S-T</a><br>Description: IC SWITCH QUAD SPST 14-TSSOP         | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1751V-T</a><br>Description: IC SWITCH QUAD SPST 16TQFN           | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1753S-T</a><br>Description: IC SWITCH QUAD SPST 14-TSSOP         | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS179-92LF</a><br>Description: IC SW SPDT DC-3GHZ GAAS SC70-6      | Manufacturers: <a href="#">Skyworks Solutions, Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AS179-92LF-EVB</a><br>Description: EVAL BOARD FOR AS179-92 SPDT SW | Manufacturers: <a href="#">Skyworks Solutions, Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AS1747-BTDT</a><br>Description: IC SWITCH DUAL SPDT 10-TDFN        | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1752V-T</a><br>Description: IC SWITCH QUAD SPST 16TQFN           | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1745G-T</a><br>Description: IC SWITCH DUAL SPDT 10-MSOP          | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS179-000</a><br>Description: IC SWITCH SPDT 300KHZ-3GHZ           | Manufacturers: <a href="#">Skyworks Solutions Inc.</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">AS1751S-T</a><br>Description: IC SWITCH QUAD SPST 14-TSSOP         | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1801-BTDT</a><br>Description: IC RTC CLK/CALENDAR I2C 8-TDFN     | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1753V-T</a><br>Description: IC SWITCH QUAD SPST 16TQFN           | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1745G</a><br>Description: IC SWITCH DUAL SPDT 10-MSOP            | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS1753S</a><br>Description: IC SWITCH QUAD SPST 14-TSSOP           | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">AS176-59LF</a><br>Description: IC SW SPDT DC-3.0GHZ GAAS 8MSOP     | Manufacturers: <a href="#">Skyworks Solutions, Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AS1746-BTDR</a><br>Description: IC SWITCH DUAL SPDT 10-TDFN        | Manufacturers: <a href="#">ams</a>                      | <div>RFQ</div> |

| Related keywords for AS1752S |                     |                    |               |
|------------------------------|---------------------|--------------------|---------------|
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| AS1752S download datasheet   | AS1752S datasheet   | AS1752S stock      | buy AS1752S   |
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