



**AMI Semiconductor / ON**

Semiconductor



### NLAS54404FCTAG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NLAS54404FCTAG                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                 |
| Product description | IC ANALOG SWITCH SPDT 12WLCSP                                                                                        |
| Datasheets:         |  <a href="#">NLAS54404FCTAG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 160794 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

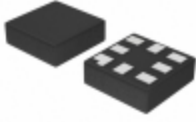
#### Specifications of NLAS54404FCTAG

|                                        |                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | NLAS54404FCTAG                                                                                                         |
| MANUFACTURER                           | AMI Semiconductor / ON Semiconductor                                                                                   |
| DESCRIPTION                            | IC ANALOG SWITCH SPDT 12WLCSP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                     | 160794 pcs                                                                                                             |
| DATA SHEET                             |  <a href="#">NLAS54404FCTAG.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 3 V ~ 3.6 V                                                                                                            |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                      |
| SWITCH TIME (TON, TOFF) (MAX)          | 20.7μs, 100ns                                                                                                          |
| SWITCH CIRCUIT                         | SPDT                                                                                                                   |
| SUPPLIER DEVICE PACKAGE                | 12-WLCSP (1.6x1.2)                                                                                                     |
| SERIES                                 | -                                                                                                                      |
| PACKAGING                              | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                         | 12-UFBGA, WLCSP                                                                                                        |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                      |
| ON-STATE RESISTANCE (MAX)              | 2.1 Ohm (Typ)                                                                                                          |
| NUMBER OF CIRCUITS                     | 2                                                                                                                      |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                             |
| DETAILED DESCRIPTION                   | 2 Circuit IC Switch 2:1 2.1 Ohm (Typ) 12-WLCSP (1.6x1.2)                                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | -                                                                                                                      |
| CROSSTALK                              | -90dB @ 20kHz                                                                                                          |
| CHARGE INJECTION                       | -                                                                                                                      |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 4.2 mOhm                                                                                                               |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 6.8pF                                                                                                                  |
| -3DB BANDWIDTH                         | 250MHz                                                                                                                 |

#### Related Tags

|                                                             |                                                              |                                                            |
|-------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>NLAS54404FCTAG      | NLAS54404FCTAG Distributor                                   | NLAS54404FCTAG Supplier                                    |
| NLAS54404FCTAG Price                                        | NLAS54404FCTAG Pictures                                      | NLAS54404FCTAG Image                                       |
| NLAS54404FCTAG PDF Datasheet                                | NLAS54404FCTAG Download Datasheet                            | NLAS54404FCTAG Datasheet                                   |
| NLAS54404FCTAG Stock                                        | Buy NLAS54404FCTAG                                           | Buy AMI Semiconductor / ON Semiconductor<br>NLAS54404FCTAG |
| AMI Semiconductor / ON Semiconductor<br>NLAS54404FCTAG      | AMI Semiconductor / ON Semiconductor Supplier                | AMI Semiconductor / ON Semiconductor Distributor           |
| AMI Semiconductor / ON Semiconductor<br>NLAS54404FCTAG      | ON Semiconductor NLAS54404FCTAG                              | Aptina / ON Semiconductor NLAS54404FCTAG                   |
| Catalyst Semiconductor / ON Semiconductor<br>NLAS54404FCTAG | PulseCore Semiconductor / ON Semiconductor<br>NLAS54404FCTAG | Sanyo Semiconductor / ON Semiconductor<br>NLAS54404FCTAG   |

#### Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                |
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|  <div> <b>NLAS5223LMNR2G</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT 10WQFN<br/> In stock: 5758 pcs<br/> <div>RFQ</div> </div>  |  <div> <b>NLAS5223CMUTAG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT LV 10UQFN<br/> In stock: 350159 pcs<br/> <div>RFQ</div> </div>  |
|  <div> <b>NLAS7213MUTBG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC USB SWITCH DPST 8UQFN<br/> In stock: 220164 pcs<br/> <div>RFQ</div> </div>   |  <div> <b>NLAS5223CLMUTAG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT LV 10UQFN<br/> In stock: 355272 pcs<br/> <div>RFQ</div> </div> |
|  <div> <b>NLAS5223MNR2G</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT 10WQFN<br/> In stock: 283967 pcs<br/> <div>RFQ</div> </div> |  <div> <b>NLAS5223BMUR2G</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT 10UQFN<br/> In stock: 417641 pcs<br/> <div>RFQ</div> </div>     |
|  <div> <b>NLAS7213MUTAG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC USB SWITCH DPST 8UQFN<br/> In stock: 2886 pcs<br/> <div>RFQ</div> </div>     |  <div> <b>NLAS5223BMNR2G</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL SPDT 10WQFN<br/> In stock: 187684 pcs<br/> <div>RFQ</div> </div>     |
|  <div> <b>NLAS54405MT2TBG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH SPDT 16WQFN<br/> In stock: 69741 pcs<br/> <div>RFQ</div> </div>     |  <div> <b>NLAS7222AMTR2G</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC USB SWITCH DPDT 10WQFN<br/> In stock: 88486 pcs<br/> <div>RFQ</div> </div>       |
|  <div> <b>NLAS6233MUTBG</b><br/> Manufacturers: AMI Semiconductor / ON Semiconductor<br/> Description: IC SWITCH DUAL DPDT 16UQFN<br/> In stock: 6755 pcs<br/> <div>RFQ</div> </div>   |  <div> <b>NLAS6234MUTBG</b><br/> Manufacturers: ON Semiconductor<br/> Description: IC SWITCH DUAL DPDT 16UQFN<br/> In stock: 5027 pcs<br/> <div>RFQ</div> </div>                            |