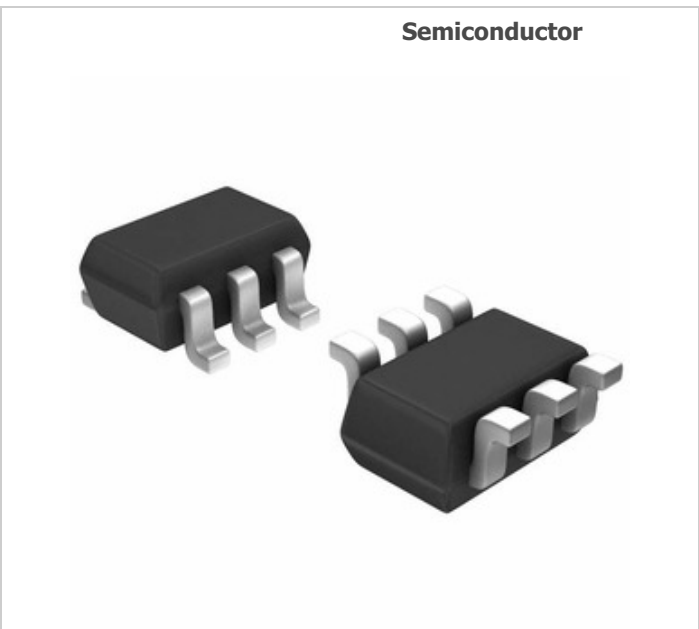


ON Semiconductor®  


AMI Semiconductor / ON



NC7SB3157P6X

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NC7SB3157P6X                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                               |
| Product description | IC SWITCH SPDT SC70-6                                                                                              |
| Datasheets:         |  <a href="#">NC7SB3157P6X.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of NC7SB3157P6X

|                                        |                                                                                                                      |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | NC7SB3157P6X                                                                                                         |
| MANUFACTURER                           | AMI Semiconductor / ON Semiconductor                                                                                 |
| DESCRIPTION                            | IC SWITCH SPDT SC70-6                                                                                                |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                             |  <a href="#">NC7SB3157P6X.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.65 V ~ 5.5 V                                                                                                       |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                    |
| SWITCH TIME (TON, TOFF) (MAX)          | 5.2ns, 3.5ns                                                                                                         |
| SWITCH CIRCUIT                         | SPDT                                                                                                                 |
| SUPPLIER DEVICE PACKAGE                | SC-70-6                                                                                                              |
| SERIES                                 | -                                                                                                                    |
| PACKAGING                              | Cut Tape (CT)                                                                                                        |
| PACKAGE / CASE                         | 6-TSSOP, SC-88, SOT-363                                                                                              |
| OTHER NAMES                            | NC7SB3157P6XCT                                                                                                       |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                    |
| ON-STATE RESISTANCE (MAX)              | 15 Ohm                                                                                                               |
| NUMBER OF CIRCUITS                     | 1                                                                                                                    |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME        | 6 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                           |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 2:1 15 Ohm SC-70-6                                                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100nA                                                                                                                |
| CROSSTALK                              | -54dB @ 10MHz                                                                                                        |
| CHARGE INJECTION                       | 7pC                                                                                                                  |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 150 mOhm                                                                                                             |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 6.5pF                                                                                                                |
| BASE PART NUMBER                       | 7SB3157                                                                                                              |
| -3DB BANDWIDTH                         | 250MHz                                                                                                               |

Related Tags

|                                                        |                                                         |                                                       |
|--------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor NC7SB3157P6X      | NC7SB3157P6X Distributor                                | NC7SB3157P6X Supplier                                 |
| NC7SB3157P6X Price                                     | NC7SB3157P6X Pictures                                   | NC7SB3157P6X Image                                    |
| NC7SB3157P6X PDF Datasheet                             | NC7SB3157P6X Download Datasheet                         | NC7SB3157P6X Datasheet                                |
| NC7SB3157P6X Stock                                     | Buy NC7SB3157P6X                                        | Buy AMI Semiconductor / ON Semiconductor NC7SB3157P6X |
| AMI Semiconductor / ON Semiconductor NC7SB3157P6X      | AMI Semiconductor / ON Semiconductor Supplier           | AMI Semiconductor / ON Semiconductor Distributor      |
| AMI Semiconductor / ON Semiconductor NC7SB3157P6X      | ON Semiconductor NC7SB3157P6X                           | Aptina / ON Semiconductor NC7SB3157P6X                |
| Catalyst Semiconductor / ON Semiconductor NC7SB3157P6X | PulseCore Semiconductor / ON Semiconductor NC7SB3157P6X | Sanyo Semiconductor / ON Semiconductor NC7SB3157P6X   |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>NC7S86M5</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE XOR 1CH 2-INP SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>NC7S86P5</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE XOR 1CH 2-INP SC70-5<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
|  <div><b>NC7SB3157P6X-F40</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SWITCH SPDT 15 OHM SC70-6<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>NC7S86P5X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE XOR 1CH 2-INP SC70-5<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>NC7SBU3157P6X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC ANALOG SWITCH SPDT SC70-6<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>NC7SP00L6X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE NAND 1CH 2-INP 6MICROPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>NC7SP00P5X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE NAND 1CH 2-INP SC70-5<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>NC7SB3157P6X-F080</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SWITCH SPDT 15 OHM SC70-6<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>NC7SB3257P6X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MUX/DEMUX BUS SW 2:1 SC70-6<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>NC7SB3157L6X_F131</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SWITCH SPDT 6MICROPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>NC7S86M5X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE XOR 1CH 2-INP SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>NC7SB3157L6X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SWITCH SPDT 6MICROPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>          |