

ON Semiconductor®

ON

AMI Semiconductor / ON

Semiconductor

ON Semiconductor®

Part Number:

NC7SB3157P6X

Manufacturer/Brand:

AMI Semiconductor / ON Semiconductor

Product description

IC SWITCH SPDT SC70-6

Datasheets:

PDF

NC7SB3157P6X.pdf

RoHs Status

RoHS

Lead free / RoHS Compliant

Stock Condition

216780 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

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                |
| QUANTITY AVAILABLE                     | 216780 pcs                                |
| DATA SHEET                             | <div><div>PDF</div>NC7SB3157P6X.pdf</div> |
| 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)                             |
| 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><div><div>ON Semiconductor®</div><div>ON</div></div><div>NC7SB3157P6X-F40</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC SWITCH SPDT 15 OHM SC70-6</div><div>In stock: 5680 pcs</div><div>RFQ</div></div> | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>NC7SB3157P6X-F080</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC SWITCH SPDT 15 OHM SC70-6</div><div>In stock: 4012 pcs</div><div>RFQ</div></div> |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>NC7SB3257P6X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MUX/DEMUX BUS SW 2:1 SC70-6</div><div>In stock: 557893 pcs</div><div>RFQ</div></div> | <div><div><div></div></div><div>NC7S86P5X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE XOR 1CH 2-INP SC70-5</div><div>In stock: 233114 pcs</div><div>RFQ</div></div>                                     |
| <div><div><div></div></div><div>NC7S86M5</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE XOR 1CH 2-INP SOT23-5</div><div>In stock: 386560 pcs</div><div>RFQ</div></div>                                    | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>NC7SB3157L6X_F131</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC SWITCH SPDT 6MICROPAK</div><div>In stock: 3938 pcs</div><div>RFQ</div></div>     |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div>NC7SBU3157P6X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC ANALOG SWITCH SPDT SC70-6</div><div>In stock: 721950 pcs</div><div>RFQ</div></div>  | <div><div><div></div></div><div>NC7SB3157L6X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC SWITCH SPDT 6MICROPAK</div><div>In stock: 810002 pcs</div><div>RFQ</div></div>                                      |
| <div><div><div></div></div><div>NC7SP00L6X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE NAND 1CH 2-INP 6MICROPAK</div><div>In stock: 259850 pcs</div><div>RFQ</div></div>                               | <div><div><div></div></div><div>NC7SP00P5X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE NAND 1CH 2-INP SC70-5</div><div>In stock: 1015033 pcs</div><div>RFQ</div></div>                                  |
| <div><div><div></div></div><div>NC7S86P5</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE XOR 1CH 2-INP SC70-5</div><div>In stock: 363777 pcs</div><div>RFQ</div></div>                                     | <div><div><div></div></div><div>NC7S86M5X</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC GATE XOR 1CH 2-INP SOT23-5</div><div>In stock: 200208 pcs</div><div>RFQ</div></div>                                    |