

NC7SB3157P6X-F40



ON Semiconductor®

ON

Part Number:

NC7SB3157P6X-F40

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC SWITCH SPDT 15 OHM SC70-6

Data sheet:

 [NC7SB3157, FSA3157](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	NC7SB3157P6X-F40	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC SWITCH SPDT 15 OHM SC70-6	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5099 pcs	Data sheet	NC7SB3157, FSA3157
Category	Integrated Circuits (ICs)	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	Tape & Reel (TR)
Package / Case	6-TSSOP, SC-88, SOT-363	Other Names	NC7SB3157P6X-F40TR NC7SB3157P6X_F40 NC7SB3157P6X_F40TR NC7SB3157P6X_F40TR-ND
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
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	Part#: NC7SP04FHX Description: IC INVERTER 1CH 1-INP 6MICROPAK2	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NC7SB3157L6X_F131 Description: IC SWITCH SPDT 6MICROPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NC7SP02P5X Description: IC GATE NOR 1CH 2-INP SC70-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NC7SP04P5X Description: IC INVERTER 1CH 1-INP SC70-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NC7SB3157P6X-F080 Description: IC SWITCH SPDT 15 OHM SC70-6	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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