

NX3L1G3157GW-Q100H



Part Number: [NX3L1G3157GW-Q100H](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC ANALOG SWITCH SPDT SC88

Data sheet:  [NX3L1G3157-Q100](#)

RoHs Status: Lead free / RoHS Compliant

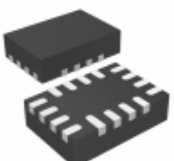
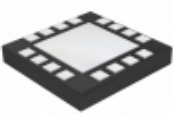
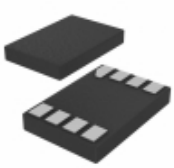
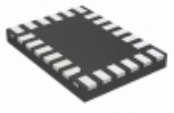
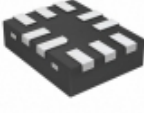
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PRODUCT PARAMETER			
Part Number	NX3L1G3157GW-Q100H	Manufacturer	NXP Semiconductors / Freescale
Description	IC ANALOG SWITCH SPDT SC88	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	343734 pcs	Data sheet	NX3L1G3157-Q100
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.4 V ~ 4.3 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	25ns, 10ns
Switch Circuit	SPDT	Supplier Device Package	6-TSSOP
Series	Automotive, AEC-Q100	Packaging	Cut Tape (CT)
Package / Case	6-TSSOP, SC-88, SOT-363	Other Names	568-12390-1
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	750 mOhm
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 2:1 750 mOhm 6-TSSOP	Current - Leakage (IS(off)) (Max)	10nA
Crosstalk	-	Charge Injection	15pC
Channel-to-Channel Matching (ΔRon)	20 mOhm	Channel Capacitance (CS(off), CD(off))	35pF
-3db Bandwidth	60MHz		
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