

Image may be representation.
See specifications for product details.



NLAS4717FCT1G

Manufacturer Part Number	NLAS4717FCT1G
Manufacturer	onsemi
Allelco Part Number	32D-NLAS4717FCT1G
ECAD Model	Request Free CAD Models
Parts Description	IC SW SPDTX2 3.5OHM 10MICROBUMP
Package	10-UFBGA, FCBGA
Data sheet	NLAS4717.pdf NLAS4717.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NLAS4717FCT1G - onsemi.New Original in Stock. Download Linear Technology NLAS4717FCT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NLAS4717FCT1G, please send us email: info@allelco.com

Specifications

NLAS4717FCT1G Tech Specifications

NLAS4717FCT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Circuits	2
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	30ns, 40ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SPDT	Crosstalk	-110dB @ 1MHz
Supplier Device Package	10-Microbump	Charge Injection	9pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	10-UFBGA, FCBGA	Channel Capacitance (CS(off), CD(off))	30pF
Package	Tape & Reel (TR)	Base Product Number	NLAS4717
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	40MHz
On-State Resistance (Max)	3.5Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NLAS4717FCT1G

Product Attribute				
Part Number	NLAS4717FCT1G	NLAS4684MNR2G	NLAS4685FCT1G	NLAS5157MUTCG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Charge Injection	9pC	15pC	20pC	38pC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
-3db Bandwidth	40MHz	9.5MHz	11.5MHz	36MHz
Channel-to-Channel Matching (ΔRon)	100mOhm	60mOhm	60mOhm	80mOhm
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
Voltage - Supply, Dual (V±)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	10-Microbump	10-DFN (3x3)	10-Microbump	6-UDFN (1.45x1)
Package / Case	10-UFBGA, FCBGA	10-VDFDN Exposed Pad	10-UFBGA, FCBGA	6-UDFDN
Base Product Number	NLAS4717	NLAS4684	NLAS4	NLAS5
Current - Leakage (IS(off)) (Max)	1nA	1μA	1μA	100nA
Crosstalk	-110dB @ 1MHz	-83dB @ 100kHz	-81dB @ 100kHz	-
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Number of Circuits	2	2	2	1
Series	-	-	-	-
On-State Resistance (Max)	3.5Ohm	800mOhm	800mOhm	500mOhm
Channel Capacitance (CS(off), CD(off))	30pF	102pF, 104pF	208pF, 102pF	47pF
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.65V ~ 4.5V
Switch Time (Ton, Toff) (Max)	30ns, 40ns	30ns, 30ns	30ns, 25ns	40ns, 25ns

NLAS4717FCT1G Datasheet PDF

Download NLAS4717FCT1G pdf datasheets and onsemi documentation for NLAS4717FCT1G - onsemi.

Datasheets

NLAS4717.pdf

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf



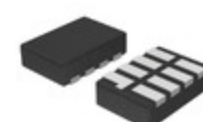
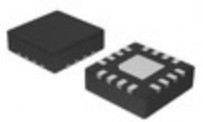




Material Declaration NLAS4717FCT1G.pdf

HTML Datasheet

NLAS4717.pdf

Customers Also Interested in

Recommended Products

 NLAS4684MN AMI Semiconductor/onsemi	 NLAS4684MNR2G onsemi IC SWITCH SPDT X 2 800MOHM 10DFN	 NLAS4685FCT1G onsemi IC SW SPDTX2 800MOHM 10MICROBUMP	 NLAS5157MUTCG onsemi IC SWITCH SPDT X 1 500MOHM 6UDFN	 NLAS4684MNR2 onsemi IC SWITCH SPDT X 2 800MOHM 10DFN	 NLAS5213BMUTAG onsemi IC SWITCH SPST-NOX2 1.3OHM 8UDFN
 NLAS5213AMUTAG onsemi IC SWITCH DPST 8UDFN	 NLAS4783MN1R2G onsemi IC SWITCH SPDT X 3 1OHM 16QFN	 NLAS4685FCT1 onsemi IC SW SPDTX2 800MOHM 10MICROBUMP	 NLAS5123MNR2G onsemi IC SWITCH SPDT X 1 1OHM 6WDFN	 NLAS4717EPMTR2G onsemi IC SWITCH SPDT X 2 3.5OHM 10WQFN	 NLAS4717MR2G onsemi IC SWITCH SPDTX2 3.5OHM 10MICRO
 NLAS4783BMN1R2G onsemi IC SWITCH SPDT X 3 1OHM 16QFN	 NLAS5123MUR2G onsemi IC SWITCH SPDT X 1 1OHM 6UDFN	 NLAS5123MNR2G Fairchild Semiconductor SPDT, 1 CHANNEL, PDS06	 NLAS4684MR2G onsemi IC SWITCH SPDTX2 800MOHM 10MICRO	 NLAS4717FCT1 onsemi IC SW SPDTX2 3.5OHM 10MICROBUMP	 NLAS4717EPFCT1G onsemi IC SW SPDTX2 3.5OHM 10MICROBUMP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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