

Image may be representation.
See specifications for product details.



STG719STR

Manufacturer Part Number	STG719STR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STG719STR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPDT X 1 40HM SOT23-6
Package	SOT-23-6
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STG719STR - STMicroelectronics.New Original in Stock. Download Linear Technology STG719STR datasheet/specifications on AllelcoElec.com.
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Specifications

STG719STR Tech Specifications

STG719STR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Number of Circuits	1
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)	7ns, 4.5ns (Typ)	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPDT	Crosstalk	-52dB @ 1MHz
Supplier Device Package	SOT-23-6	Charge Injection	-
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	SOT-23-6	Channel Capacitance (CS(off), CD(off))	19pF
Package	Tape & Reel (TR)	Base Product Number	STG719
Operating Temperature	-55°C ~ 125°C (TA)	-3db Bandwidth	200MHz
On-State Resistance (Max)	40hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STG719STR

Product Attribute				
Part Number	STG719STR	STG4159BJR	STG5223QTR	STG5123DTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Leakage (IS(off)) (Max)	250pA	30nA	20nA	20nA
Channel Capacitance (CS(off), CD(off))	19pF	30pF	40pF	25pF
Switch Time (Ton, Toff) (Max)	7ns, 4.5ns (Typ)	38ns, 17ns	55ns, 30ns	28ns, 21ns
Supplier Device Package	SOT-23-6	7-FlipChip	10-QFN (1.8x1.4)	6-DFN (1.2x1)
Base Product Number	STG719	STG4159	STG5223	STG5123
Package / Case	SOT-23-6	7-WFBGA, FCBGA	10-UFQFN	6-UFDFN
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	1.65V ~ 4.8V	1.65V ~ 4.3V	1.65V ~ 4.5V
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
On-State Resistance (Max)	40hm	300mOhm	500mOhm	1.20hm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Channel-to-Channel Matching (ΔRon)	100mOhm	3mOhm	100mOhm	50mOhm
Charge Injection	-	140pC	49pC	33pC
Voltage - Supply, Dual (V±)	-	-	-	-
-3db Bandwidth	200MHz	28MHz	55MHz	150MHz
Operating Temperature	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Crosstalk	-52dB @ 1MHz	-69dB @ 100kHz	-72dB @ 100kHz	-80dB @ 100kHz
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Number of Circuits	1	1	2	1

STG719STR Datasheet PDF





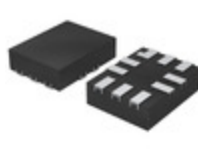







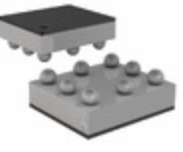
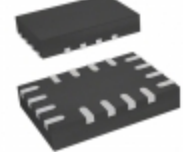
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Datasheets

Cylindrical Battery Holders.pdf

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STG719STR(V719) STMicroelectronics	STG4500-X STMicroelectronics	STG4159BJR STMicroelectronics IC SW SPDTX1 300MOHM 7FLIPCHIP	STG8205 SAMHOP	STG8209 SAMHOP	STG8203 SAMHOP
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STG719STR#Y3 STMicroelectronics	STG5223QTR STMicroelectronics IC SWITCH SPDT X 2 500MOHM 10QFN	STG5123DTR STMicroelectronics IC SWITCH SPDT X 1 1.2OHM 6DFN	STG4500-1X STMicroelectronics	STG5683QTR STMicroelectronics IC SWITCH SPDT X 2 550MOHM 16QFN	STG4260BJR STMicroelectronics IC SW SPDTX2 500MOHM 12FLIPCHIP
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STG8203E SAMHOP	STG719STR##QQQQQ	STG5683QT STMicroelectronics	STG8210 SAMHOP	STG4160BJR STMicroelectronics IC SW SPDTX1 500MOHM 8FLIPCHIP	STG5682QTR STMicroelectronics IC SWITCH SPDT X 2 550MOHM 16QFN

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.

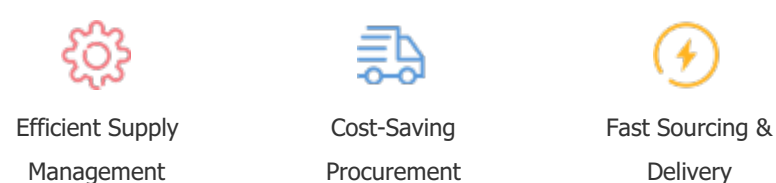
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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