



Image may be representation.
See specifications for product details.



ADG836YRM

Manufacturer Part Number	ADG836YRM
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG836YRM
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDTX2 650MOHM 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	ADG836.pdf ADG836.pdf

Get a Quote

ADG836YRM - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG836YRM datasheet/specifications on AllelcoElec.com.
Request a quote for ADG836YRM, please send us email: info@allelco.com

Specifications

ADG836YRM Tech Specifications

ADG836YRM - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	2
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	26ns, 7ns	Current - Leakage (IS(off)) (Max)	200pA (Typ)
Switch Circuit	SPDT	Crosstalk	-90dB @ 100kHz
Supplier Device Package	10-MSOP	Charge Injection	40pC
Series	-	Channel-to-Channel Matching (ΔRon)	40mOhm
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Channel Capacitance (CS(off), CD(off))	25pF
Package	Tube	Base Product Number	ADG836
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	57MHz
On-State Resistance (Max)	650mOhm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG836YRM

Product Attribute				
Part Number	ADG836YRM	ADG824BCPZ-REEL7	ADG836LYRMZ	ADG839YKSZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Crosstalk	-90dB @ 100kHz	-90dB @ 100kHz	-90dB @ 100kHz	-57dB @ 100kHz
On-State Resistance (Max)	650mOhm	800mOhm	650mOhm	500mOhm
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Series	-	-	-	-
Charge Injection	40pC	27pC	40pC	70pC
Voltage - Supply, Dual (V±)	-	-	-	-
Number of Circuits	2	2	2	1
Current - Leakage (IS(off)) (Max)	200pA (Typ)	200pA (Typ)	1nA	200pA (Typ)
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	2:1
Switch Circuit	SPDT	SPDT	SPDT	SPDT
Supplier Device Package	10-MSOP	10-LFCSP-UQ (1.6x1.3)	10-MSOP	SC-70-6
Base Product Number	ADG836	ADG824	ADG836	ADG839
Switch Time (Ton, Toff) (Max)	26ns, 7ns	9.5ns, 7.7ns	26ns, 7ns	16ns, 8.5ns
Channel-to-Channel Matching (ΔRon)	40mOhm	3mOhm	40mOhm	40mOhm
Voltage - Supply, Single (V+)	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-UFQFN, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	6-TSSOP, SC-88, SOT-363
Channel Capacitance (CS(off), CD(off))	25pF	25pF	25pF	74pF
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	57MHz	90MHz	57MHz	25MHz

ADG836YRM Datasheet PDF

Download ADG836YRM pdf datasheets and Analog Devices Inc. documentation for ADG836YRM - Analog Devices Inc..

Datasheets

[ADG836.pdf](#)

PCN Obsolescence/ EOL

[Mult Device EOL 13/Jul/2016.pdf](#)

HTML Datasheet

 ADG836.pdf

PCN Assembly/Origin

 PKG Conversion/Assembly Site REV 30/Oct/2017.pdf

Customers Also Interested in

Recommended Products



ADG824BCPZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 800MOHM
10LFCSP



ADG836LYRMZ

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP



ADG839YKSZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX1 500MOHM SC70-
6



ADG836YRMZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP



ADG839YKSZ-500RL7

Analog Devices Inc.
IC SWITCH SPDTX1 500MOHM SC70-
6



ADG839YKSZ-500

ADI (Analog Devices, Inc.)



ADG836LYRM-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP



ADG836YRM-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP



ADG836YCPZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
12LFCSP



ADG823BRMZ-REEL7

Analog Devices Inc.
IC SW SPST-NO/NCX2 600MOHM
8MSOP



ADG823BRMZ

Analog Devices Inc.
IC SW SPST-NO/NCX2 600MOHM
8MSOP



ADG824BCPZ-REEL

ADI (Analog Devices, Inc.)



ADG836YRMZ-REEL

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP



ADG836YCP-REEL

Analog Devices Inc.
IC SWITCH DUAL SPDT 12LFCSP



ADG839YKSZ

ADI (Analog Devices, Inc.)



ADG839YKS-REEL7

ADI (Analog Devices, Inc.)



ADG839YKSZ-REEL

Analog Devices Inc.
IC SWITCH SPDTX1 500MOHM SC70-
6



ADG836YRMZ

Analog Devices Inc.
IC SWITCH SPDTX2 650MOHM
10MSOP

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

Contact us if you have any questions.



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Email
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Certifications & Memberships



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