

Image may be representation.  
See specifications for product details.



## MAX4665ESE

Manufacturer Part Number	<b>MAX4665ESE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4665ESE
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPST-NOX4 40HM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX4664-66.pdf</b>

**Get a Quote**

MAX4665ESE - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4665ESE datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4665ESE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4665ESE Tech Specifications  
MAX4665ESE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	4
Voltage - Supply, Single (V+)	4.5V ~ 36V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	275ns, 175ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO	Crosstalk	-60dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	300pC
Series	-	Channel-to-Channel Matching (ΔRon)	200mOhm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	34pF, 34pF
Package	Tube	Base Product Number	MAX4665
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	40hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4665ESE

Product Attribute				
Part Number	MAX4665ESE	MAX4665ESE+	MAX4665CSE+T	MAX4666ESE+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Supply, Single (V+)	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V
Charge Injection	300pC	300pC	300pC	300pC
Crosstalk	-60dB @ 1MHz	-60dB @ 1MHz	-60dB @ 1MHz	-60dB @ 1MHz
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Switch Time (Ton, Toff) (Max)	275ns, 175ns	275ns, 175ns	275ns, 175ns	275ns, 175ns
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
On-State Resistance (Max)	40hm	40hm	40hm	40hm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Series	-	-	-	-
Channel-to-Channel Matching (ΔRon)	200mOhm	200mOhm	200mOhm	200mOhm
Channel Capacitance (CS(off), CD(off))	34pF, 34pF	34pF, 34pF	34pF, 34pF	34pF, 34pF
Package	Tube	Tube	Tape & Reel (TR)	Tube
Switch Circuit	SPST - NO	SPST - NO	SPST - NO	SPST - NO/NC
-3db Bandwidth	-	-	-	-
Number of Circuits	4	4	4	4
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	MAX4665	MAX4665	MAX4665	MAX4666

### MAX4665ESE Datasheet PDF

Download MAX4665ESE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4665ESE - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX4664-66.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

## Part Numbering Guide



















 Part Numbering System.pdf

## PCN Obsolescence/ EOL

 Mult Dev OBS 14/Aug/2015.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX4665ESE+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 4OHM 16SOIC	<b>MAX4665CSE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 4OHM 16SOIC	<b>MAX4666ESE+</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 4OHM 16SOIC	<b>MAX4664CSE</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX4 4OHM 16SOIC	<b>MAX4669CSE</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX2 2.5OHM 16SOIC	<b>MAX4665ESE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 4OHM 16SOIC
					
<b>MAX4664ESE</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX4 4OHM 16SOIC	<b>MAX4665CSE+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 4OHM 16SOIC	<b>MAX4666CPE</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 4OHM 16DIP	<b>MAX4664CSE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX4 4OHM 16SOIC	<b>MAX4666ESE</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 4OHM 16SOIC	<b>MAX4666CSE</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 4OHM 16SOIC
					
<b>MAX4666ESE+T</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 4OHM 16SOIC	<b>MAX4664EPE</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NC X 4 4OHM 16DIP	<b>MAX4667ESE+T</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NCX2 2.5OHM 16SOIC	<b>MAX4664ESE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX4 4OHM 16SOIC	<b>MAX4664CSE+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX4 4OHM 16SOIC	<b>MAX4663EPE+</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 2.5OHM 16DIP

## 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.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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