



Image may be representation.
See specifications for product details.



ISP762TFUMA1

Manufacturer Part Number	ISP762TFUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-ISP762TFUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:1 DSO-8
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ISP762TFUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology ISP762TFUMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for ISP762TFUMA1, please send us email: info@allelco.com

Specifications

ISP762TFUMA1 Tech Specifications

ISP762TFUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	5V ~ 34V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-8-24	Interface	On/Off
Series	miniPROFET®	Input Type	Non-Inverting
Rds On (Typ)	70mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Output (Max)	2A
Package	Tape & Reel (TR)	Base Product Number	ISP762
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies ISP762TFUMA1

Product Attribute				
Part Number	ISP762TFUMA1	ISP742RI	ISP752RFUMA1	ISP75N
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Ratio - Input:Output	1:1	1:1	1:1	1:1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-30°C ~ 85°C (TA)	-30°C ~ 85°C (TA)	-30°C ~ 85°C (TA)
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	miniPROFET®	-	miniPROFET®	HITFET®
Features	Auto Restart	Auto Restart, Slew Rate Controlled, Status Flag	Auto Restart, Status Flag	Auto Restart
Supplier Device Package	PG-DSO-8-24	PG-DSO-8-6	PG-DSO-8-24	PG-SOT223-4
Voltage - Load	5V ~ 34V	5V ~ 34V	6V ~ 52V	60V (Max)
Rds On (Typ)	70mOhm	250mOhm	150mOhm	430mOhm
Output Configuration	High Side	High Side	High Side	Low Side
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	ISP762	-	ISP752	ISP75
Current - Output (Max)	2A	400mA	1.3A	700mA
Number of Outputs	1	1	1	1
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage, Short Circuit	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Interface	On/Off	On/Off	On/Off	On/Off

ISP762TFUMA1 Datasheet PDF

Download ISP762TFUMA1 pdf datasheets and Infineon Technologies documentation for ISP762TFUMA1 - Infineon Technologies.


Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents



















[Part Number Guide.pdf](#)

Errata

 [ISP762T Errata~.pdf](#)

Customers Also Interested in

Recommended Products

					
ISP772T Cypress Semiconductor (Infineon Technologies)	ISP752T Cypress Semiconductor (Infineon Technologies)	ISP742RI Infineon Technologies ISP742 - PROFET - SMART HIGH SID	ISP815(PC815) Isocom Components	ISP752RFUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	ISP75N Infineon Technologies IC PWR SWITCH N-CHAN 1:1 SOT223-4
					
ISP752R Cypress Semiconductor (Infineon Technologies)	ISP814SMTR Isocom Components	ISP814XSM Isocom Components 2004 LTD OPTOISO 5.3KV TRANS 4SMD	ISP742T Cypress Semiconductor (Infineon Technologies)	ISP772TFUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	ISP814A Isocom Components
					
ISP752TFUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	ISP762T Cypress Semiconductor (Infineon Technologies)	ISP815SM Isocom Components	ISP742R Cypress Semiconductor (Infineon Technologies)	ISP815 Isocom Components	ISP814 Isocom Components

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

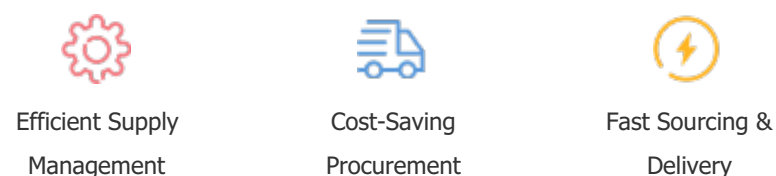
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

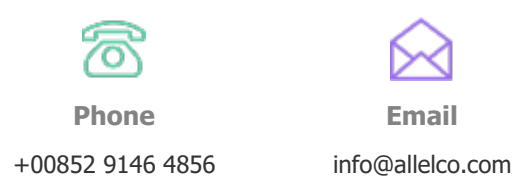
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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