



Image may be representation.
See specifications for product details.



ISP752RFUMA1

Manufacturer Part Number	ISP752RFUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-ISP752RFUMA1
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	ISP752R.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ISP752RFUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology ISP752RFUMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for ISP752RFUMA1, please send us email: info@allelco.com

Specifications

ISP752RFUMA1 Tech Specifications

ISP752RFUMA1 - 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	-30°C ~ 85°C (TA)
Voltage - Load	6V ~ 52V	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)	150mOhm	Features	Auto Restart, Status Flag
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)	1.3A
Package	Tape & Reel (TR)	Base Product Number	ISP752
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies ISP752RFUMA1

Product Attribute				
Part Number	ISP752RFUMA1	ISP742RI	ISP752TFUMA1	ISP772TFUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Current - Output (Max)	1.3A	400mA	1.3A	2.6A
Voltage - Load	6V ~ 52V	5V ~ 34V	6V ~ 52V	5V ~ 34V
Output Configuration	High Side	High Side	High Side	High Side
Base Product Number	ISP752	-	ISP752	ISP772
Operating Temperature	-30°C ~ 85°C (TA)	-30°C ~ 85°C (TA)	-30°C ~ 85°C (TA)	-30°C ~ 85°C (TA)
Features	Auto Restart, Status Flag	Auto Restart, Slew Rate Controlled, Status Flag	Auto Restart	Auto Restart
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Rds On (Typ)	150mOhm	250mOhm	150mOhm	50mOhm
Ratio - Input:Output	1:1	1:1	1:1	1:1
Series	miniPROFET®	-	miniPROFET®	miniPROFET®
Interface	On/Off	On/Off	On/Off	On/Off
Number of Outputs	1	1	1	1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
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
Supplier Device Package	PG-DSO-8-24	PG-DSO-8-6	PG-DSO-8-24	PG-DSO-8-24

ISP752RFUMA1 Datasheet PDF

Download ISP752RFUMA1 pdf datasheets and Infineon Technologies documentation for ISP752RFUMA1 - Infineon Technologies.


Datasheets

[ISP752R.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

PCN Packaging

 Mult Dev Pkg Box Chg 3/Jan/2018.pdf

 Mult Dev Cover Tape Chg 13/Jul/2022.pdf

Errata

 ISP752R Errata~.pdf

PCN Assembly/Origin

 Mult Dev Wafer Chg 8/Oct/2019.pdf

Customers Also Interested in

Recommended Products



ISP742R

Cypress Semiconductor
(Infineon Technologies)



ISP752T

Cypress Semiconductor
(Infineon Technologies)



ISP814

Isocom Components



ISP742RI

Infineon Technologies
ISP742 - PROFET - SMART HIGH SID



ISP752R

Cypress Semiconductor
(Infineon Technologies)



ISP626-1SMT&R

Isocom Components



ISP626-1X

Isocom Components



ISP752TFUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8



ISP772TFUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8



ISP762T

Cypress Semiconductor
(Infineon Technologies)



ISP772T

Cypress Semiconductor
(Infineon Technologies)



ISP626-2SMTR

Isocom Components



ISP762TFUMA1

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8



ISP626-1SMTR

Isocom Components



ISP742T

Cypress Semiconductor
(Infineon Technologies)



ISP75N

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1
SOT223-4



ISP626-1

Isocom Components



ISP814A

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Email

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Certifications & Memberships



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