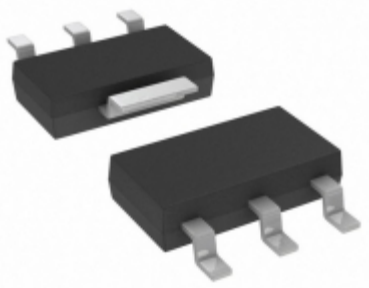


ITS4142NHUMA1



Part Number: [ITS4142NHUMA1](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC SWITCH HISIDE SMART SOT223-4

Data sheet:  [ITS4142N](#)

RoHs Status: Lead free / RoHS Compliant

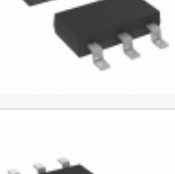
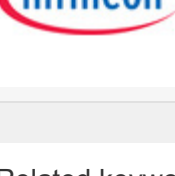
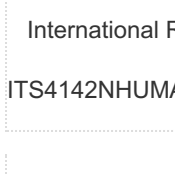
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ITS4142NHUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC SWITCH HISIDE SMART SOT223-4	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	88217 pcs	Data sheet	ITS4142N
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	12 V ~ 45 V	Switch Type	General Purpose
Supplier Device Package	PG-SOT223-4	Series	miniPROFET®
Rds On (Typ)	150 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-261-4, TO-261AA
Output Type	N-Channel	Output Configuration	High Side
Other Names	ITS4142N ITS4142N-ND ITS4142NHUMA1TR ITS4142NTR ITS4142NTR-ND SP000221218	Operating Temperature	-30°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current - Output (Max)	1.4A
Base Part Number	ITS4142		
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	Part#: ITS42K5DLDFXUMA1 Description: IC PWR SW HI-SIDE 2CH TSON10	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4200SMENHUMA1 Description: IC SWITCH HISIDE SMART SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS40FR3SR Description: SWITCH TACTILE SPST-NO 0.05A 12V	Manufacturers: C&K	RFQ
	Part#: ITS4140NHUMA1 Description: IC SWITCH HISIDE SMART SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4200SMEOHUMA1 Description: IC SWITCH HISIDE SMART SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS42008SBDAUMA1 Description: IC SWITCH PWR HISIDE 8CH 36DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4200SMEPHUMA1 Description: IC SWITCH HISIDE SMART SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: ITS4141DBUMA1 Description: IC SWITCH HISIDE SMART TO252-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4300SSJDXUMA1 Description: IC SWITCH HISIDE SMART 8DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4141NHUMA1 Description: IC SWITCH HISIDE SMART SOT223-4	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS40FV1ST Description: SWITCH TACTILE SPST-NO 0.05A 12V	Manufacturers: C&K	RFQ
	Part#: ITS410E2HKSA1 Description: IC SWITCH HISIDE SMART TO220-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS40FV2SR Description: SWITCH TACTILE SPST-NO 0.05A 12V	Manufacturers: C&K	RFQ
	Part#: ITS410E2E3043HKSA1 Description: IC SWITCH HISIDE SMART TO220-5	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS4200SSJDXUMA1 Description: IC SWITCH HISIDE SMART 8DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ITS41K0SMENHUMA1 Description: IC SMART SWITCH HS NMOS SOT-223	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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