

Image may be representation.
See specifications for product details.



MC15XS3400DHFK

Manufacturer Part Number	MC15XS3400DHFK
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC15XS3400DHFK
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:1 24PQFN
Package	24-PowerQFN
Data sheet	MC15XS3400.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC15XS3400DHFK - NXP USA Inc..New Original in Stock. Download Linear Technology MC15XS3400DHFK datasheet/specifications on AllelcoElec.com.
Request a quote for MC15XS3400DHFK, please send us email: info@allelco.com

Specifications

MC15XS3400DHFK Tech Specifications

MC15XS3400DHFK - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	6V ~ 20V	Number of Outputs	4
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	24-PQFN (12x12)	Interface	SPI
Series	-	Input Type	-
Rds On (Typ)	15mOhm	Features	Internal PWM, Slew Rate Controlled, Watchdog Timer
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	24-PowerQFN	Current - Output (Max)	6A
Package	Tray	Base Product Number	MC15XS3400
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC15XS3400DHFK

Product Attribute				
Part Number	MC15XS3400DHFK	MC15XS3400CPNA	MC15XS3400DPNA	MC15XS3400CHFK
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Current - Output (Max)	6A	6A	6A	6A
Input Type	-	-	-	-
Number of Outputs	4	4	4	4
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	SPI	SPI	SPI	SPI
Series	-	-	-	-
Ratio - Input:Output	1:1	1:1	1:1	1:1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Features	Internal PWM, Slew Rate Controlled, Watchdog Timer	Internal PWM, Slew Rate Controlled, Watchdog Timer	Internal PWM, Slew Rate Controlled, Watchdog Timer	Internal PWM, Slew Rate Controlled, Watchdog Timer
Package	Tray	Tray	Tray	Tray
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Output Configuration	High Side	High Side	High Side	High Side
Supplier Device Package	24-PQFN (12x12)	24-PQFN (12x12)	24-PQFN (12x12)	24-PQFN (12x12)
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	MC15XS3400	MC15XS3400	MC15XS3400	MC15XS3400
Rds On (Typ)	15mOhm	15mOhm	15mOhm	15mOhm
Voltage - Load	6V ~ 20V	6V ~ 20V	6V ~ 20V	6V ~ 20V
Package / Case	24-PowerQFN	24-PowerQFN	24-PowerQFN	24-PowerQFN

MC15XS3400DHFK Datasheet PDF

Download MC15XS3400DHFK pdf datasheets and NXP USA Inc. documentation for MC15XS3400DHFK - NXP USA Inc..


PCN Packaging

All Dev Label Update 15/Dec/2020.pdf

Mult Dev Pkg Seal 15/Dec/2020.pdf

Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin

 2.73KHz.pdf

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

HTML Datasheet

 MC15XS3400.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE		 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
MC1608V0R35R03 SUMITOM	MC15XS3400D Freescale / NXP Semiconductors	MC1608T0R15R015M50 SUMITOM	MC1608V0R30R03 SUMITOM	MC1594L MOC	MC1594/BEAJC MOTOROLA
		 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
MC15XS3400CPNA NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 24PQFN	MC15XS3400DPNA NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 24PQFN	MC1608V0R40R03 SUMITOM	MC1595L MOTOROLA	MC1596L MOTOROLA	MC1596G MOTOROL
	 NO PICTURE	 NO PICTURE			 NO PICTURE
MC15XS3400CHFK NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 24PQFN	MC1608V0R10R015 SUMITOM	MC1608V0R15R015 SUMITOM	MC15XS3400CH Freescale / NXP Semiconductors	MC15XS3400DH Freescale / NXP Semiconductors	MC1608V0R25R03 SUMITOM

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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