



BAT41KFILM

Manufacturer Part Number	BAT41KFILM
Manufacturer	STMicroelectronics
Allelco Part Number	32D-BAT41KFILM
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 100V 200MA SOD523
Package	SC-79, SOD-523
Data sheet	BAT41.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BAT41KFILM - STMicroelectronics.New Original in Stock. Download Linear Technology BAT41KFILM datasheet/specifications on AllelcoElec.com.
Request a quote for BAT41KFILM, please send us email: info@allelco.com

Specifications

BAT41KFILM Tech Specifications
BAT41KFILM - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	1 V @ 200 mA	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	100 nA @ 50 V
Supplier Device Package	SOD-523	Current - Average Rectified (Io)	200mA
Speed	Small Signal =< 200mA (Io), Any Speed	Capacitance @ Vr, F	10pF @ 1V, 1MHz
Series	-	Base Product Number	BAT41
Package / Case	SC-79, SOD-523		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics BAT41KFILM

Product Attribute	NO PICTURE	NO PICTURE		
Part Number	BAT41KFILM	BAT42W	BAT42W	BAT41ZFILM
Manufacturer	STMicroelectronics	Yangzhou Yangjie Electronic Technology Co.,Ltd	Taiwan Semiconductor Corporation	STMicroelectronics
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Capacitance @ Vr, F	10pF @ 1V, 1MHz	20pF @ 1V, 1MHz	10pF @ 1V, 1MHz	10pF @ 1V, 1MHz
Voltage - Forward (Vf) (Max) @ If	1 V @ 200 mA	1 V @ 200 mA	1 V @ 200 mA	1 V @ 200 mA
Package / Case	SC-79, SOD-523	SOD-123	SOD-123	SOD-123
Voltage - DC Reverse (Vr) (Max)	100 V	30 V	30 V	100 V
Supplier Device Package	SOD-523	SOD-123	SOD-123	SOD-123
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	BAT41	BAT42W	BAT42	BAT41
Operating Temperature - Junction	150°C (Max)	125°C (Max)	-55°C ~ 125°C	150°C (Max)
Current - Reverse Leakage @ Vr	100 nA @ 50 V	500 nA @ 25 V	500 nA @ 25 V	100 nA @ 50 V
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed
Technology	Schottky	Schottky	Schottky	Schottky
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

BAT41KFILM Datasheet PDF

Download BAT41KFILM pdf datasheets and STMicroelectronics documentation for BAT41KFILM - STMicroelectronics.

Datasheets

BAT41.pdf

Customers Also Interested in

Recommended Products

BAT42W-13

Diodes Incorporated



BAT41AWFILM

STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
SOT323



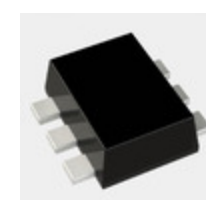
BAT41-09P6FILM

STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
SOT666



BAT41-07P6FILM

STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
SOT666



BAT40VC-7

Diodes Incorporated
DIODE ARRAY SCHOTTKY 40V
SOT563



BAT42W

Yangzhou Yangjie Electronic
Technology Co.,Ltd
DIODE SCHOTTKY 30V 200MA
SOD123



NO PICTURE



NO PICTURE



life.augmented



BAT42W S8

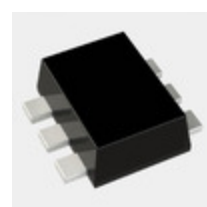
CJ

**BAT41KF1LM**

STMicroelectronics

BAT42W S7

CJ

**BAT40V-7**Diodes Incorporated
DIODE ARRAY SCHOTTKY 40V
SOT563**BAT40V-7-F**

Diodes Incorporated

**BAT41ZFILM-H/J**

STMicroelectronics

BAT42WTaiwan Semiconductor Corporation
SOD-123, 30V, 0.2A, SCHOTTKY DIO**BAT41JFILM**STMicroelectronics
DIODE SCHOTTKY 100V 200MA
SOD323**BAT41ZFILM**STMicroelectronics
DIODE SCHOTTKY 100V 200MA
SOD123**BAT42-TAP**Vishay General Semiconductor -
Diodes Division
DIODE SCHOTTKY 30V 200MA DO35**BAT41SWFILM**STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
SOT323**BAT41JFILM-H/J**

STMicroelectronics

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

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Certifications & Memberships



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