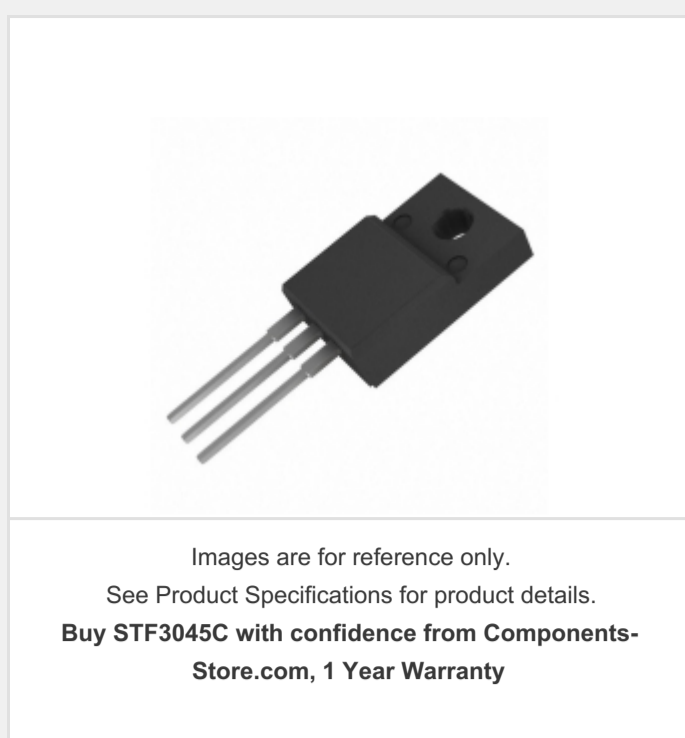


## STF3045C



**Part Number:** [STF3045C](#)  
**Manufacturer:** [Sensitron Semiconductor / SMC Diode Solutions](#)  
**Description:** DIODE SCHOTTKY 45V ITO220AB  
**Data sheet:** [PDF](#) [ST\(B,F\)3045C](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">STF3045C</a>
Manufacturer	<a href="#">Sensitron Semiconductor / SMC Diode Solutions</a>
Description	DIODE SCHOTTKY 45V ITO220AB
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	108912 pcs
Product Photo	<a href="#">STF3045C.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Forward (Vf) (Max) @ If	570mV @ 15A
Voltage - DC Reverse (Vr) (Max)	45V
Supplier Device Package	ITO-220AB
Speed	Fast Recovery = 200mA (Io)
Series	-
Packaging	Tube
Package / Case	TO-220-3 Full Pack, Isolated Tab
Other Names	1655-1300
Operating Temperature - Junction	-55°C ~ 150°C
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Diode Type	Schottky
Diode Configuration	1 Pair Common Cathode
Detailed Description	Diode Array 1 Pair Common Cathode Schottky 45V Through Hole TO-220-3 Full Pack, Isolated Tab
Current - Reverse Leakage @ Vr	2mA @ 45V
Current - Average Rectified (Io) (per Diode)	-

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	Part#: <a href="#">STF32N65M5</a> Description: MOSFET N-CH 650V 24A TO-220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 4446 <a href="#">RFQ</a>
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	Part#: <a href="#">STF30NM60ND</a> Description: MOSFET N-CH 600V 25A TO-220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 13711 <a href="#">RFQ</a>
	Part#: <a href="#">STF2N80K5</a> Description: MOSFET N-CH 800V 2A TO220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 94072 <a href="#">RFQ</a>
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	Part#: <a href="#">STF30N10F7</a> Description: MOSFET N-CH 100V 35A TO-220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 43869 <a href="#">RFQ</a>
	Part#: <a href="#">STF30150CR</a> Description: DIODE ARRAY GP 150V ITO220AB Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> In Stock: 105516 <a href="#">RFQ</a>
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	Part#: <a href="#">STF3060CR</a> Description: DIODE SCHOTTKY 60V ITO220AB Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> In Stock: 96145 <a href="#">RFQ</a>
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	Part#: <a href="#">STF30120CR</a> Description: DIODE ARRAY GP 120V ITO220AB Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> In Stock: 101617 <a href="#">RFQ</a>
	Part#: <a href="#">STF30200CR</a> Description: DIODE SCHOTTKY 200V ITO220AB Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> In Stock: 115393 <a href="#">RFQ</a>
	Part#: <a href="#">STF32NM50N</a> Description: MOSFET N CH 500V 22A TO-220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 17409 <a href="#">RFQ</a>
	Part#: <a href="#">STF30NM60N</a> Description: MOSFET N-CH 600V 25A TO-220FP Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 13362 <a href="#">RFQ</a>

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