


STF15100





Part Number: [STF15100](#)

Manufacturer [Sensitron Semiconductor / SMC Diode Solutions](#)

Description DIODE SCHOTTKY 100V ITO220AC

Data sheet:  [ST\(B,D,F\)15100](#)

RoHs Status: Lead free / RoHS Compliant



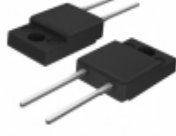
















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PRODUCT PARAMETER	
Part Number	STF15100
Manufacturer	Sensitron Semiconductor / SMC Diode Solutions
Description	DIODE SCHOTTKY 100V ITO220AC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	187949 pcs
Product Photo	STF15100.jpg
Category	Discrete Semiconductor Products
Voltage - Forward (Vf) (Max) @ If	750mV @ 15A
Voltage - DC Reverse (Vr) (Max)	100V
Supplier Device Package	ITO-220AC
Speed	Fast Recovery = 200mA (Io)
Series	-
Packaging	Tube
Package / Case	TO-220-2 Full Pack, Isolated Tab
Other Names	1655-1278
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
Detailed Description	Diode Schottky 100V Through Hole ITO-220AC
Current - Reverse Leakage @ Vr	500µA @ 100V
Current - Average Rectified (Io)	-
Capacitance @ Vr, F	686pF @ 5V, 1MHz
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RELATED PRODUCTS	
	<div>Part#: STF1545C</div> <div>Description: DIODE SCHOTTKY 45V ITO220AB</div> <div>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions</div> <div>In Stock: 249301</div> <div>RFQ</div>
	<div>Part#: STF14NM50N</div> <div>Description: MOSFET N-CH 500V 12A TO220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 55358</div> <div>RFQ</div>
	<div>Part#: STF15200</div> <div>Description: DIODE SCHOTTKY 200V ITO220AC</div> <div>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions</div> <div>In Stock: 175709</div> <div>RFQ</div>
	<div>Part#: STF13NM60ND</div> <div>Description: MOSFET N-CH 600V 11A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 50065</div> <div>RFQ</div>
	<div>Part#: STF14N80K5</div> <div>Description: MOSFET N-CH 800V 12A TO220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 58388</div> <div>RFQ</div>
	<div>Part#: STF140N6F7</div> <div>Description: N-CHANNEL 60 V, 0.0031 OHM TYP.,</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 89088</div> <div>RFQ</div>
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	<div>Part#: STF14NM65N</div> <div>Description: MOSFET N-CH 650V 12A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 27143</div> <div>RFQ</div>
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	<div>Part#: STF15100C</div> <div>Description: DIODE SCHOTTKY 100V ITO220AB</div> <div>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions</div> <div>In Stock: 247074</div> <div>RFQ</div>
	<div>Part#: STF13NM50N</div> <div>Description: MOSFET N-CH 500V 12A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 44847</div> <div>RFQ</div>
	<div>Part#: STF13NM60N-H</div> <div>Description: MOSFET N-CH 600V 11A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 46342</div> <div>RFQ</div>
	<div>Part#: STF15N60M2-EP</div> <div>Description: MOSFET N-CH 600V 11A EP TO220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 65228</div> <div>RFQ</div>
	<div>Part#: STF150N10F7</div> <div>Description: MOSFET N-CH 100V 65A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 5752</div> <div>RFQ</div>
	<div>Part#: STF140N8F7</div> <div>Description: MOSFET N-CH 80V 64A TO220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 49957</div> <div>RFQ</div>
	<div>Part#: STF15NM60N</div> <div>Description: MOSFET N-CH 600V 14A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 33275</div> <div>RFQ</div>
	<div>Part#: STF1560</div> <div>Description: DIODE SCHOTTKY 60V ITO220AC</div> <div>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions</div> <div>In Stock: 176103</div> <div>RFQ</div>
	<div>Part#: STF15N95K5</div> <div>Description: MOSFET N-CH 950V 12A TO220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 23759</div> <div>RFQ</div>
	<div>Part#: STF15150</div> <div>Description: DIODE SCHOTTKY 150V ITO220AC</div> <div>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions</div> <div>In Stock: 188022</div> <div>RFQ</div>
	<div>Part#: STF13NM60N</div> <div>Description: MOSFET N-CH 600V 11A TO-220FP</div> <div>Manufacturers: STMicroelectronics</div> <div>In Stock: 44282</div> <div>RFQ</div>

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