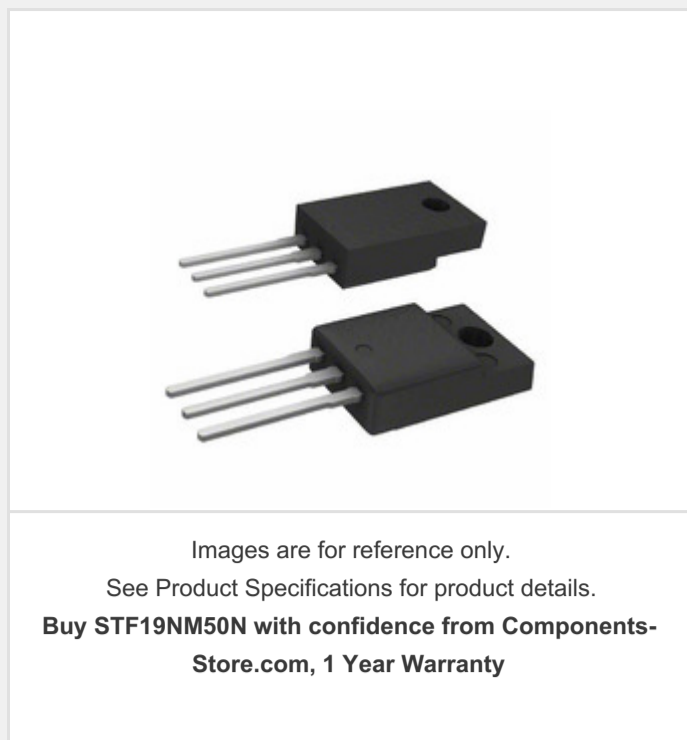


STF19NM50N



Part Number: [STF19NM50N](#)
Manufacturer: [STMicroelectronics](#)
Description: MOSFET N-CH 500V 14A TO-220FP
Data sheet: [PDF](#) [STx19NM50N](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	STF19NM50N
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 500V 14A TO-220FP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	54727 pcs
Product Photo	STF19NM50N.jpg
Category	Discrete Semiconductor Products
Voltage - Test	1000pF @ 50V
Voltage - Breakdown	TO-220FP
Vgs(th) (Max) @ Id	250 mOhm @ 7A, 10V
Vgs (Max)	10V
Technology	MOSFET (Metal Oxide)
Series	MDmesh™ II
RoHS Status	Tube
Rds On (Max) @ Id, Vgs	14A (Tc)
Polarization	TO-220-3 Full Pack
Other Names	497-12572-5 STF19NM50N-ND
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Part Number	STF19NM50N
Input Capacitance (Ciss) (Max) @ Vds	34nC @ 10V
IGBT Type	±25V
Gate Charge (Qg) (Max) @ Vgs	4V @ 250µA
FET Feature	N-Channel
Expanded Description	N-Channel 500V 14A (Tc) 30W (Tc) Through Hole TO-220FP
Drain to Source Voltage (Vdss)	-
Description	MOSFET N-CH 500V 14A TO-220FP
Current - Continuous Drain (Id) @ 25°C	500V
Capacitance Ratio	30W (Tc)

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	<p>Part#: STF202-22T1G Manufacturers: AMI Semiconductor / ON Semiconductor RFQ</p> <p>Description: FILTER RC(PI) 22 OHM/68PF SMD In Stock: 212020</p>
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	<p>Part#: STF20150C Manufacturers: Sensitron Semiconductor / SMC Diode Solutions RFQ</p> <p>Description: DIODE ARRAY SCHOTTKY 150V ITO220 In Stock: 139122</p>
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	<p>Part#: STF18N65M5 Manufacturers: STMicroelectronics RFQ</p> <p>Description: MOSFET N-CH 650V 15A TO-220FP In Stock: 44627</p>
	<p>Part#: STF20150CR Manufacturers: Sensitron Semiconductor / SMC Diode Solutions RFQ</p> <p>Description: DIODE SCHOTTKY 150V ITO220AB In Stock: 140612</p>
	<p>Part#: STF19NM65N Manufacturers: STMicroelectronics RFQ</p> <p>Description: MOSFET N-CH 650V 15.5A TO-220FP In Stock: 26081</p>
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	<p>Part#: STF18NM60ND Manufacturers: STMicroelectronics RFQ</p> <p>Description: MOSFET N-CH 600V 13A TO-220FP In Stock: 48111</p>
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	<p>Part#: STF17NF25 Manufacturers: STMicroelectronics RFQ</p> <p>Description: MOSFET N-CH 250V 17A TO-220FP In Stock: 85163</p>
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