

## STL11N4LLF5



**Part Number:** [STL11N4LLF5](#)  
**Manufacturer:** [STMicroelectronics](#)  
**Description:** MOSFET N-CH 40V 11A POWERFLAT  
**Data sheet:** [STL11N4LLF5](#)

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

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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">STL11N4LLF5</a>
<b>Manufacturer</b>	<a href="#">STMicroelectronics</a>
<b>Description</b>	MOSFET N-CH 40V 11A POWERFLAT
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	92142 pcs
<b>Product Photo</b>	<a href="#">STL11N4LLF5.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Vgs(th) (Max) @ Id</b>	2.5V @ 250µA
<b>Vgs (Max)</b>	±20V
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Supplier Device Package</b>	PowerFlat™ (3.3x3.3)
<b>Series</b>	STripFET™ V
<b>Rds On (Max) @ Id, Vgs</b>	9.7 mOhm @ 5.5A, 10V
<b>Power Dissipation (Max)</b>	2.9W (Ta), 50W (Tc)
<b>Packaging</b>	Original-Reel®
<b>Package / Case</b>	8-PowerVDFN
<b>Other Names</b>	497-13650-6
<b>Operating Temperature</b>	-55°C ~ 150°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Capacitance (Ciss) (Max) @ Vds</b>	1570pF @ 25V
<b>Gate Charge (Qg) (Max) @ Vgs</b>	12.9nC @ 4.5V
<b>FET Type</b>	N-Channel
<b>FET Feature</b>	-
<b>Drive Voltage (Max Rds On, Min Rds On)</b>	4.5V, 10V
<b>Drain to Source Voltage (Vdss)</b>	40V
<b>Detailed Description</b>	N-Channel 40V 11A (Tc) 2.9W (Ta), 50W (Tc) Surface Mount PowerFlat™ (3.3x3.3)
<b>Current - Continuous Drain (Id) @ 25°C</b>	11A (Tc)

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	<b>Part#:</b> <a href="#">STL106D</a> <b>Description:</b> TRANS NPN 230V 1.5A TO-92	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 387856	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL11N6F7</a> <b>Description:</b> MOSFET N-CH 60V 11A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 125124	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL11N3LLH6</a> <b>Description:</b> MOSFET N-CH 30V 11A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 125858	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL120</a> <b>Description:</b> TEST LEAD BANANA/PROBE 48" SET/2	<b>Manufacturers:</b> <a href="#">Fluke Electronics</a> <b>In Stock:</b> 5552	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL10N3LLH5</a> <b>Description:</b> MOSFET N-CH 30V 9A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 90179	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">STL110NS3LLH7</a> <b>Description:</b> MOSFET N-CH 30V 120A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 5988	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL115N10F7AG</a> <b>Description:</b> MOSFET N-CH 100V 107A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 65139	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL11N60M2-EP</a> <b>Description:</b> MOSFET N-CH 600V PWRFLAT 5X6	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 77376	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">STL10HN65M2</a> <b>Description:</b> POWER MOSFET	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 74864	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL10N65M2</a> <b>Description:</b> MOSFET N-CH 650V 4.5A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 53460	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL110N10F7</a> <b>Description:</b> MOSFET N-CH 100V 21A PWRFLAT5X6	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 57592	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL10N60M2</a> <b>Description:</b> MOSFET N-CH 600V 5.5A PWRFLAT56	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 75528	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL120N4F6AG</a> <b>Description:</b> MOSFET N-CH 40V 55A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 71322	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL10LN80K5</a> <b>Description:</b> MOSFET N-CH 800V 6A POWERFLAT	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 60690	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STL120-III</a> <b>Description:</b> SHIELDED TEST LEAD SET 12.5MHZ 1	<b>Manufacturers:</b> <a href="#">Fluke Electronics</a> <b>In Stock:</b> 658	<a href="#">RFQ</a>

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