

## IKW25N120T2FKSA1



**Part Number:** [IKW25N120T2FKSA1](#)

**Manufacturer:** [International Rectifier \(Infineon Technologies\)](#)

**Description:** IGBT 1200V 50A 349W TO247-3

**Data sheet:** [IKW25N120T2](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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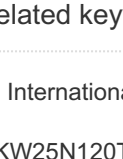
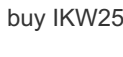
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">IKW25N120T2FKSA1</a>
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Description</b>	IGBT 1200V 50A 349W TO247-3
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	27521 pcs
<b>Product Photo</b>	<a href="#">IKW25N120T2FKSA1.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Collector Emitter Breakdown (Max)</b>	1200V
<b>Vce(on) (Max) @ Vge, Ic</b>	2.2V @ 15V, 25A
<b>Test Condition</b>	600V, 25A, 16.4 Ohm, 15V
<b>Td (on/off) @ 25°C</b>	27ns/265ns
<b>Switching Energy</b>	2.9mJ
<b>Supplier Device Package</b>	PG-TO247-3
<b>Series</b>	TrenchStop®
<b>Reverse Recovery Time (trr)</b>	195ns
<b>Power - Max</b>	349W
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-247-3
<b>Other Names</b>	IKW25N120T2 IKW25N120T2-ND SP000244960
<b>Operating Temperature</b>	-40°C ~ 175°C (TJ)
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Type</b>	Standard
<b>IGBT Type</b>	Trench
<b>Gate Charge</b>	120nC
<b>Detailed Description</b>	IGBT Trench 1200V 50A 349W Through Hole PG-TO247-3
<b>Current - Collector Pulsed (Icm)</b>	100A
<b>Current - Collector (Ic) (Max)</b>	50A

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RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">IKW15N120BH6XKSA1</a> <b>Description:</b> IGBT 1200 V 15A TO247-3-46	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 26205	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N60TAFKSA1</a> <b>Description:</b> IGBT 600V 60A 187W TO247-3-21	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 21801	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N65ES5XKSA1</a> <b>Description:</b> IGBT TRENCH 650V 62A TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 30302	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW08T120FKSA1</a> <b>Description:</b> IGBT 1200V 16A 70W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 39035	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW25T120FKSA1</a> <b>Description:</b> IGBT 1200V 50A 190W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 21838	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW15N120T2FKSA1</a> <b>Description:</b> IGBT 1200V 30A 235W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 21919	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW20N60H3FKSA1</a> <b>Description:</b> IGBT 600V 40A 170W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 54763	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW15T120FKSA1</a> <b>Description:</b> IGBT 1200V 30A 110W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 22637	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N65NL5XKSA1</a> <b>Description:</b> IGBT 650V 30A UFAST DIO TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 20621	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW20N60TFKSA1</a> <b>Description:</b> IGBT 600V 40A 166W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 50207	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW20N60TAFKSA1</a> <b>Description:</b> IGBT 600V 40A 166W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 26403	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N60TFKSA1</a> <b>Description:</b> IGBT 600V 60A 187W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 42639	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N60H3FKSA1</a> <b>Description:</b> IGBT 600V 60A 187W TO247-3	<b>Manufacturers:</b> <a href="#">Infineon Technologies</a> <b>In Stock:</b> 46034	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N60DTPXKSA1</a> <b>Description:</b> IGBT 600V 53A TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 38688	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW15N120H3FKSA1</a> <b>Description:</b> IGBT 1200V 30A 217W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 29184	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N65EL5XKSA1</a> <b>Description:</b> IGBT 650V 30A FAST DIODE TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 31332	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW03N120H2FKSA1</a> <b>Description:</b> IGBT 1200V 9.6A 62.5W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 5467	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N65H5XKSA1</a> <b>Description:</b> IGBT TRENCH 650V 55A TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 51641	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW30N65WR5XKSA1</a> <b>Description:</b> IGBT TRENCH 650V 60A TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 41276	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKW25N120H3FKSA1</a> <b>Description:</b> IGBT 1200V 50A 326W TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 26900	<a href="#">RFQ</a>

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