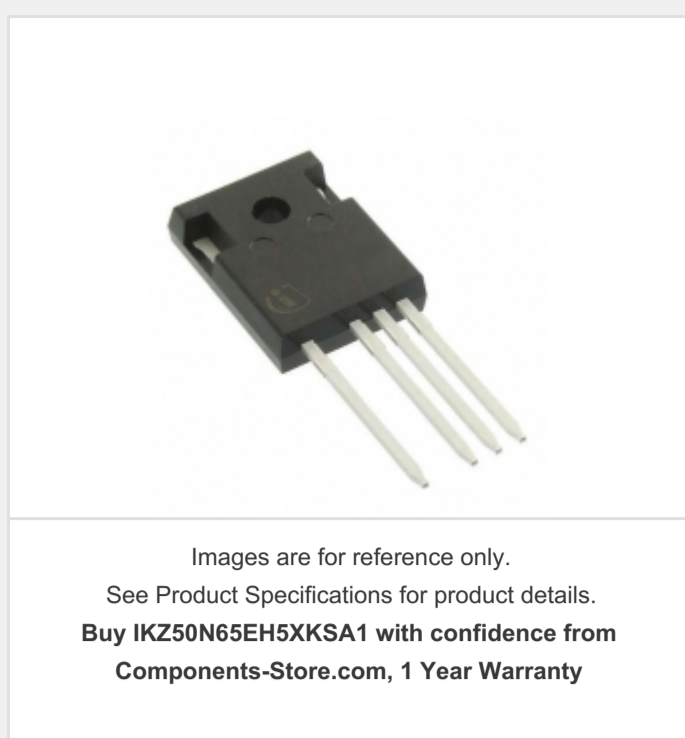


## IKZ50N65EH5XKSA1



**Part Number:** [IKZ50N65EH5XKSA1](#)

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

**Description:** IGBT 650V 50A CO-PACK TO-247-4

**Data sheet:** [IKZ50N65EH5](#)

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

**Ship From:** Hong Kong

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

[Request For Quotation](#)

### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">IKZ50N65EH5XKSA1</a>
<b>Manufacturer</b>	<a href="#">International Rectifier (Infineon Technologies)</a>
<b>Description</b>	IGBT 650V 50A CO-PACK TO-247-4
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	23446 pcs
<b>Product Photo</b>	<a href="#">IKZ50N65EH5XKSA1-001.jpg</a> , <a href="#">IKZ50N65EH5XKSA1-002.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Collector Emitter Breakdown (Max)</b>	650V
<b>Vce(on) (Max) @ Vge, Ic</b>	2.1V @ 15V, 50A
<b>Test Condition</b>	400V, 25A, 12 Ohm, 15V
<b>Td (on/off) @ 25°C</b>	20ns/250ns
<b>Switching Energy</b>	410µJ (on), 190µJ (off)
<b>Supplier Device Package</b>	PG-TO247-4
<b>Series</b>	TrenchStop™ 5
<b>Reverse Recovery Time (trr)</b>	53ns
<b>Power - Max</b>	273W
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-247-4
<b>Other Names</b>	IKZ50N65EH5 SP001160038
<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>	109nC
<b>Detailed Description</b>	IGBT Trench 650V 85A 273W Through Hole PG-TO247-4
<b>Current - Collector Pulsed (Icm)</b>	200A
<b>Current - Collector (Ic) (Max)</b>	85A

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

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">FGA6560WDF</a> <b>Description:</b> IGBT 650V 120A 306W TO-3PN	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 32709	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ75N65ES5XKSA1</a> <b>Description:</b> IGBT TRENCH 650V 80A TO247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 15555	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXDH20N120D1</a> <b>Description:</b> IGBT 1200V 38A 200W TO247AD	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 13111	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXGT15N120B</a> <b>Description:</b> IGBT 1200V 30A 180W TO268	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 12562	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">APT150GN60LDQ4G</a> <b>Description:</b> IGBT 600V 220A 536W TO-264L	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 4276	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IGW40N65F5FKSA1</a> <b>Description:</b> IGBT 650V 74A 255W PG-TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 42886	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ50N65ES5XKSA1</a> <b>Description:</b> IGBT TRENCH 650V 80A TO247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 30983	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ75N65NH5XKSA1</a> <b>Description:</b> IGBT 650V 75A CO-PACK TO-247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 12557	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">FGH40T65SHDF-F155</a> <b>Description:</b> IGBT 650V 80A 268W TO-247-3	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 36104	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKQ100N60TAXKSA1</a> <b>Description:</b> IGBT 600V TO247-3	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 10820	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ75N65EL5XKSA1</a> <b>Description:</b> IGBT 650V 100A TO247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 15627	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ75N65EH5XKSA1</a> <b>Description:</b> IGBT 650V 90A W/DIO TO247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 14573	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IHW15N120E1XKSA1</a> <b>Description:</b> IGBT NPT/TRENCH 1200V 30A TO247	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 72240	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">STGF17NC60SD</a> <b>Description:</b> IGBT 600V 17A 32W TO220FP	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 66383	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXGH40N120B2D1</a> <b>Description:</b> IGBT 1200V 75A 380W TO247	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 7799	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXYP15N65C3</a> <b>Description:</b> IGBT 650V 38A 200W TO220	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 43558	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXGH17N100A</a> <b>Description:</b> IGBT 1000V 34A 150W TO247AD	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 18720	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IKZ50N65NH5XKSA1</a> <b>Description:</b> IGBT 650V 50A CO-PACK TO-247-4	<b>Manufacturers:</b> <a href="#">International Rectifier (Infineon Technologies)</a> <b>In Stock:</b> 23957	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">FGH50N3</a> <b>Description:</b> IGBT 300V 75A 463W TO247	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 16813	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">IXXH150N60C3</a> <b>Description:</b> IGBT 600V TO247	<b>Manufacturers:</b> <a href="#">IXYS Corporation</a> <b>In Stock:</b> 15006	<a href="#">RFQ</a>

### Related keywords for IKZ50N65EH5XKSA1

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