

IKW40N65WR5XKSA1



INITIAL STATE

Part Number: [IKW40N65WR5XKSA1](#)

Manufacturer: [Infineon Technologies](#)

Description: IGBT 650V 74A 255W PG-TO247-3

Data sheet: [IKW40N65WR5](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER

Part Number	IKW40N65WR5XKSA1
Manufacturer	Infineon Technologies
Description	IGBT 650V 74A 255W PG-TO247-3
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43261 pcs
Product Photo	IKW40N65WR5XKSA1.jpg
Category	Discrete Semiconductor Products
Voltage - Offset (Vt)	400V, 20A, 20 Ohm, 15V
Voltage - Collector Emitter Breakdown (Max)	80A
Voltage - Breakdown	PG-TO247-3
Vce(on) (Max) @ Vge, Ic	Trench
Vce Saturation (Max) @ Ib, Ic	650V
Test Condition	42ns/432ns
Td (on/off) @ 25°C	193nC
Switching Energy	120A
Series	TrenchStop™
RoHS Status	Tube
Power - Max	230W
Polarization	TO-247-3
Other Names	SP001174974
Operating Temperature - Junction	112ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Part Number	IKW40N65WR5XKSA1
Input Type	Standard
Input Capacitance (Cies) @ Vce	1.8V @ 15V, 40A
Gate Charge	770µJ (on), 160µJ (off)
Expanded Description	IGBT Trench 650V 80A 230W Through Hole PG-TO247-3
Description	IGBT 650V 74A 255W PG-TO247-3

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