

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKW30N65ET7	**Issued**	16. May 2021
MA#	MA005400448		
Package	PG-TO247-3-48	**Weight***	5967.76 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.834	0.03	0.03	307	307
chip_2	inorganic material	silicon	7440-21-3	1.163	0.02	0.02	195	195
leadframe	inorganic material	phosphorus	7723-14-0	0.159			27	
	non noble metal	iron	7439-89-6	0.530	0.01		89	
	non noble metal	copper	7440-50-8	529.068	8.87	8.88	88654	88770
wire	non noble metal	aluminium	7429-90-5	16.806	0.28	0.28	2816	2816
encapsulation	organic material	carbon black	1333-86-4	9.561	0.16		1602	
	plastics	epoxy resin	-	382.453	6.41		64087	
	inorganic material	silicondioxide	60676-86-0	1,520.250	25.47	32.04	254744	320433
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5341	5341
plating	non noble metal	nickel	7440-02-0	29.065	0.49	0.49	4870	4870
solder	non noble metal	antimony	7440-36-0	0.252			42	
	noble metal	silver	7440-22-4	0.629	0.01		105	
	non noble metal	tin	7440-31-5	1.635	0.03	0.04	274	421
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		173	
	non noble metal	iron	7439-89-6	3.442	0.06		577	
	non noble metal	copper	7440-50-8	3,438.006	57.61	57.69	576097	576847
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com