



Material Content Data Sheet



Sales Product Name	IKW30N60TA			Issued		4. April 2016		
MA#	MA001216592							
Package	PG-TO247-3-41			Weight*		6066.16 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.496	0.07	0.07	741	741
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.72	8.73	87217	87330
wire	non noble metal	aluminium	7429-90-5	166.810	2.75	2.75	27499	27499
encapsulation	organic material	carbon black	1333-86-4	18.583	0.31		3063	
	plastics	epoxy resin	-	353.082	5.82		58205	
	inorganic material	silicondioxide	60676-86-0	1486.659	24.51	30.64	245075	306343
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5254	5254
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4791	4791
solder	non noble metal	antimony	7440-36-0	0.335	0.01		55	
	noble metal	silver	7440-22-4	0.838	0.01		138	
	non noble metal	tin	7440-31-5	2.178	0.04	0.06	359	552
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.66	56.74	566753	567490
*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 2011/65/EU (RoHS) and does not use any exemption.

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