



Material Content Data Sheet



Sales Product Name		IKA15N60T		Issued		4. July 2019		
MA#		MA002162686						
Package		PG-TO220-3-313		Weight*		2210.41 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	0.871	0.04	0.04	394	394
chip_2	inorganic material	silicon	7440-21-3	1.597	0.07	0.07	723	723
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.81	40.86	408136	408668
	non noble metal	aluminium	7429-90-5	3.317	0.15	0.15	1501	1501
wire	non noble metal	aluminium	7429-90-5	3.317	0.15	0.15	1501	1501
encapsulation	organic material	carbon black	1333-86-4	2.300	0.10		1041	
	plastics	epoxy resin	-	215.325	9.74		97414	
	inorganic material	silicondioxide	60676-86-0	927.125	41.96	51.80	419434	517889
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3564	3564
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	749	749
solder	non noble metal	antimony	7440-36-0	0.195	0.01		88	
	noble metal	silver	7440-22-4	0.488	0.02		221	
	non noble metal	tin	7440-31-5	1.270	0.06	0.09	575	884
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.55	6.56	65542	65628
*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 München
Internet	www.infineon.com