



Material Content Data Sheet



Sales Product Name				IKA15N65H5		Issued		31. July 2018	
MA#				MA001403614					
Package				PG-TO220-3-313		Weight*		2209.57 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	1.009	0.05	0.05	457	457	
chip_2	inorganic material	silicon	7440-21-3	0.366	0.02	0.02	166	166	
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123		
	non noble metal	iron	7439-89-6	0.903	0.04		409		
wire	non noble metal	copper	7440-50-8	902.149	40.83	40.88	408290	408822	
	non noble metal	aluminium	7429-90-5	4.914	0.22	0.22	2224	2224	
encapsulation	organic material	carbon black	1333-86-4	2.282	0.10		1033		
	plastics	epoxy resin	-	215.018	9.73		97312		
leadfinish	inorganic material	silicondioxide	60676-86-0	926.790	41.94	51.77	419443	517788	
	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3565	3565	
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	749	749	
solder	non noble metal	antimony	7440-36-0	0.127	0.01		58		
	noble metal	silver	7440-22-4	0.318	0.01		144		
heatspreader	non noble metal	tin	7440-31-5	0.828	0.04	0.06	375	577	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
	non noble metal	iron	7439-89-6	0.145	0.01		66		
*deviation	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65566	65652	
					Sum in total:		100.00		1000000

Important Remarks:

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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.
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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