



Material Content Data Sheet



Sales Product Name				IKA06N60T		Issued		4. July 2019	
MA#				MA005342018					
Package				PG-TO220-3-313		Weight*		2208.40 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	0.447	0.02	0.02	202	202	
chip_2	inorganic material	silicon	7440-21-3	0.812	0.04	0.04	368	368	
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	40.85	40.90	408507	409039	
	non noble metal	aluminium	7429-90-5	1.650	0.07	0.07	747	747	
encapsulation	organic material	carbon black	1333-86-4	2.299	0.10		1041		
	plastics	epoxy resin	-	215.599	9.76		97627		
leadfinish	inorganic material	silicondioxide	60676-86-0	928.577	42.06	51.92	420475	519143	
	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3567	3567	
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	750	750	
solder	non noble metal	antimony	7440-36-0	0.110	0.00		50		
	noble metal	silver	7440-22-4	0.275	0.01		124		
heatspreader	non noble metal	tin	7440-31-5	0.714	0.03	0.04	323	497	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20		
*deviation	non noble metal	iron	7439-89-6	0.145	0.01		66		
	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65601	65687	
						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

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