



Material Content Data Sheet



Sales Product Name		IKA06N60T		Issued		19. July 2018		
MA#		MA001071810						
Package		PG-TO220-3-111		Weight*		2238.69 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	1.259	0.06	0.06	562	562
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		307	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		92	
	non noble metal	copper	7440-50-8	686.221	30.65	30.69	306529	306928
wire	non noble metal	aluminium	7429-90-5	13.889	0.62	0.62	6204	6204
encapsulation	organic material	carbon black	1333-86-4	2.189	0.10		978	
	plastics	epoxy resin	-	205.749	9.19		91906	
	inorganic material	silicondioxide	60676-86-0	886.470	39.61	48.90	395976	488861
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3547	3547
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	136
solder	non noble metal	antimony	7440-36-0	0.110	0.00		49	
	noble metal	silver	7440-22-4	0.275	0.01		123	
	non noble metal	tin	7440-31-5	0.714	0.03	0.04	319	491
heatspreader	non noble metal	iron	7439-89-6	0.433	0.02		193	
	inorganic material	phosphorus	7723-14-0	0.130	0.01		58	
	non noble metal	copper	7440-50-8	432.110	19.30	19.33	193020	193271
*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.
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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

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