



Material Content Data Sheet



Sales Product Name		IKP15N60T		Issued		19. July 2018		
MA#		MA000984560						
Package		PG-TO220-3-1		Weight*		2033.32 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	2.468	0.12	0.12	1214	1214
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.11	40.16	400987	401510
wire	non noble metal	aluminium	7429-90-5	25.840	1.27	1.27	12708	12708
encapsulation	organic material	carbon black	1333-86-4	5.747	0.28		2827	
	plastics	epoxy resin	-	109.196	5.37		53704	
	inorganic material	silicondioxide	60676-86-0	459.773	22.61	28.26	226120	282651
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10555	10555
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	non noble metal	antimony	7440-36-0	0.195	0.01		96	
	noble metal	silver	7440-22-4	0.488	0.02		240	
	non noble metal	tin	7440-31-5	1.270	0.06	0.09	625	961
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	28.99	29.03	289904	290281
*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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