



Material Content Data Sheet



Sales Product Name		IPA093N06N3 G		Issued		2. September 2015		
MA#		MA001334404						
Package		PG-TO220-3-313		Weight*		2211.91 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	2.120	0.10	0.10	958	958
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	copper	7440-50-8	902.149	40.79	40.84	407860	408391
wire	non noble metal	aluminium	7429-90-5	3.682	0.17	0.17	1665	1665
encapsulation	organic material	carbon black	1333-86-4	2.311	0.10		1045	
	plastics	epoxy resin	-	215.734	9.75		97533	
	inorganic material	silicondioxide	60676-86-0	928.489	41.97	51.82	419769	518347
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3606	3606
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	758	758
solder	non noble metal	antimony	7440-36-0	0.153	0.01		69	
	noble metal	silver	7440-22-4	0.383	0.02		173	
	non noble metal	tin	7440-31-5	0.996	0.04	0.07	450	692
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		66	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	copper	7440-50-8	144.874	6.55	6.56	65497	65583
*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 2011/65/EU (RoHS) and does not use any exemption.

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