



Material Content Data Sheet



Sales Product Name		IPA030N10N3 G		Issued		4. September 2015		
MA#		MA001386334						
Package		PG-TO220-3-313		Weight*		2215.45 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	15.455	0.70	0.70	6976	6976
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		408	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		122	
	non noble metal	copper	7440-50-8	902.149	40.72	40.77	407209	407739
wire	non noble metal	aluminium	7429-90-5	11.706	0.53	0.53	5284	5284
encapsulation	organic material	carbon black	1333-86-4	2.361	0.11		1066	
	plastics	epoxy resin	-	212.486	9.59		95911	
	inorganic material	silicondioxide	60676-86-0	908.982	41.02	50.72	410292	507269
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3600	3600
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	757	757
solder	non noble metal	antimony	7440-36-0	0.642	0.03		290	
	noble metal	silver	7440-22-4	1.604	0.07		724	
	non noble metal	tin	7440-31-5	4.171	0.19	0.29	1883	2897
heatspreader	non noble metal	iron	7439-89-6	0.145	0.01		65	
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	copper	7440-50-8	144.874	6.54	6.55	65393	65478
*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 2011/65/EU (RoHS) and does not use any exemption.

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