



Material Content Data Sheet



Sales Product Name		IPA075N15N3 G		Issued		4. July 2019		
MA#		MA001333876						
Package		PG-TO220-3-313		Weight*		2200.64 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	17.562	0.80	0.80	7981	7981
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		410	
	non noble metal	copper	7440-50-8	902.149	41.00	41.05	409948	410481
	non noble metal	aluminium	7429-90-5	10.190	0.46	0.46	4631	4631
wire	organic material	carbon black	1333-86-4	2.339	0.11		1063	
encapsulation	plastics	epoxy resin	-	209.580	9.52		95236	
	inorganic material	silicondioxide	60676-86-0	895.857	40.71	50.34	407089	503388
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3579	3579
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	752	752
solder	non noble metal	antimony	7440-36-0	0.719	0.03		327	
	noble metal	silver	7440-22-4	1.799	0.08		817	
heatspreader	non noble metal	tin	7440-31-5	4.676	0.21	0.32	2125	3269
	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.58	6.59	65833	65919
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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