



Material Content Data Sheet



Sales Product Name		IPA65R095C7		Issued		1. August 2018		
MA#		MA001638560						
Package		PG-TO220-3-313		Weight*		2241.44 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	7.800	0.35	0.35	3480	3480
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		121	
	non noble metal	iron	7439-89-6	0.903	0.04		403	
	non noble metal	copper	7440-50-8	902.149	40.25	40.30	402485	403009
	non noble metal	aluminium	7429-90-5	2.936	0.13	0.13	1310	1310
wire	non noble metal	aluminium	7429-90-5	2.936	0.13	0.13	1310	1310
encapsulation	organic material	carbon black	1333-86-4	2.394	0.11		1068	
	plastics	epoxy resin	-	220.354	9.83		98309	
	inorganic material	silicondioxide	60676-86-0	946.188	42.22	52.16	422133	521510
leadfinish	non noble metal	tin	7440-31-5	7.877	0.35	0.35	3514	3514
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	739	739
solder	non noble metal	antimony	7440-36-0	0.385	0.02		172	
	noble metal	silver	7440-22-4	0.963	0.04		430	
	non noble metal	tin	7440-31-5	2.505	0.11	0.17	1118	1720
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		19	
	non noble metal	iron	7439-89-6	0.145	0.01		65	
	non noble metal	copper	7440-50-8	144.874	6.46	6.47	64634	64718
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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