



Material Content Data Sheet



Sales Product Name		IPA60R125C6		Issued		1. August 2018		
MA#		MA001369658						
Package		PG-TO220-3-313		Weight*		2254.01 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	12.221	0.54	0.54	5422	5422
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		120	
	non noble metal	iron	7439-89-6	0.903	0.04		401	
	non noble metal	copper	7440-50-8	902.149	40.02	40.07	400242	400763
	non noble metal	aluminium	7429-90-5	3.002	0.13	0.13	1332	1332
wire	non noble metal	aluminium	7429-90-5	3.002	0.13	0.13	1332	1332
encapsulation	organic material	carbon black	1333-86-4	2.426	0.11		1077	
	plastics	epoxy resin	-	221.802	9.84		98403	
	inorganic material	silicondioxide	60676-86-0	951.289	42.22	52.17	422044	521524
leadfinish	non noble metal	tin	7440-31-5	7.877	0.35	0.35	3495	3495
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	735	735
solder	non noble metal	antimony	7440-36-0	0.535	0.02		237	
	noble metal	silver	7440-22-4	1.337	0.06		593	
	non noble metal	tin	7440-31-5	3.475	0.15	0.23	1542	2372
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		19	
	non noble metal	iron	7439-89-6	0.145	0.01		64	
	non noble metal	copper	7440-50-8	144.874	6.43	6.44	64274	64357
*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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