



Material Content Data Sheet



Sales Product Name		IPA60R125P6		Issued		2. June 2015		
MA#		MA001372330						
Package		PG-TO220-3-313		Weight*		2208.91 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	12.221	0.55	0.55	5533	5533
leadframe	non noble metal	iron	7439-89-6	0.903	0.04		409	
	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	copper	7440-50-8	902.149	40.84	40.89	408413	408945
wire	non noble metal	aluminium	7429-90-5	2.895	0.13	0.13	1310	1310
encapsulation	organic material	carbon black	1333-86-4	2.340	0.11		1059	
	plastics	epoxy resin	-	213.361	9.66		96591	
	inorganic material	silicondioxide	60676-86-0	914.710	41.41	51.18	414100	511750
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3611	3611
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	759	759
solder	non noble metal	antimony	7440-36-0	0.535	0.02		242	
	noble metal	silver	7440-22-4	1.337	0.06		605	
	non noble metal	tin	7440-31-5	3.475	0.16	0.24	1573	2420
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	6.56	6.57	65586	65672
*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 2011/65/EU (RoHS) and does not use any exemption.

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