



Material Content Data Sheet



Sales Product Name		IPA60R125P6		Issued		10. May 2016		
MA#		MA001137980						
Package		PG-TO220-3-111		Weight*		2264.04 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	5398	5398
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		303	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		91	
	non noble metal	copper	7440-50-8	686.221	30.31	30.35	303096	303490
wire	non noble metal	aluminium	7429-90-5	27.699	1.22	1.22	12235	12235
encapsulation	organic material	carbon black	1333-86-4	2.261	0.10		998	
	plastics	epoxy resin	-	205.902	9.09		90945	
	inorganic material	silicondioxide	60676-86-0	882.575	38.99	48.18	389823	481767
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3508	3508
plating	non noble metal	nickel	7440-02-0	0.305	0.01		135	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	135
solder	non noble metal	antimony	7440-36-0	0.535	0.02		236	
	noble metal	silver	7440-22-4	1.337	0.06		590	
	non noble metal	tin	7440-31-5	3.475	0.15	0.23	1535	2361
heatspreader	non noble metal	iron	7439-89-6	0.433	0.02		191	
	inorganic material	phosphorus	7723-14-0	0.130	0.01		57	
	non noble metal	copper	7440-50-8	432.110	19.09	19.12	190858	191106
*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 2011/65/EU (RoHS) and does not use any exemption.

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