



Material Content Data Sheet



Sales Product Name		IPA60R125C6		Issued		20. July 2018		
MA#		MA001486274						
Package		PG-TO220-3-317		Weight*		2109.02 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	0.58	0.58	5795	5795
leadframe	non noble metal	iron	7439-89-6	1.202	0.06		570	
	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	copper	7440-50-8	1200.685	56.93	57.01	569311	570052
wire	non noble metal	aluminium	7429-90-5	30.307	1.44	1.44	14370	14370
encapsulation	organic material	carbon black	1333-86-4	8.510	0.40		4035	
	plastics	epoxy resin	-	136.160	6.46		64561	
	inorganic material	silicondioxide	60676-86-0	706.328	33.49	40.35	334908	403504
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3740	3740
solder	non noble metal	antimony	7440-36-0	0.535	0.03		254	
	noble metal	silver	7440-22-4	1.338	0.06		635	
	non noble metal	tin	7440-31-5	3.480	0.16	0.25	1650	2539
*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.
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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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