



Material Content Data Sheet



Sales Product Name		IPA60R280E6		Issued		1. August 2018		
MA#		MA001708820						
Package		PG-TO220-3-317		Weight*		2128.75 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	5.826	0.27	0.27	2737	2737
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		169	
	non noble metal	iron	7439-89-6	1.202	0.06		565	
	non noble metal	copper	7440-50-8	1200.685	56.40	56.48	564032	564766
	non noble metal	aluminium	7429-90-5	2.966	0.14	0.14	1393	1393
wire	non noble metal	aluminium	7429-90-5	2.966	0.14	0.14	1393	1393
encapsulation	organic material	carbon black	1333-86-4	9.006	0.42		4231	
	plastics	epoxy resin	-	145.801	6.85		68491	
	inorganic material	silicondioxide	60676-86-0	751.898	35.32	42.59	353210	425932
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3706	3706
solder	non noble metal	antimony	7440-36-0	0.312	0.01		147	
	noble metal	silver	7440-22-4	0.780	0.04		366	
	non noble metal	tin	7440-31-5	2.028	0.10	0.15	953	1466
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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