



Material Content Data Sheet



Sales Product Name		IPA80R360P7		Issued		19. January 2018		
MA#		MA002112108						
Package		PG-TO220-3-317		Weight*		2122.66 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	4.140	0.20	0.20	1950	1950
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		170	
	non noble metal	iron	7439-89-6	1.202	0.06		566	
	non noble metal	copper	7440-50-8	1200.685	56.56	56.64	565651	566387
	non noble metal	aluminium	7429-90-5	2.991	0.14	0.14	1409	1409
wire	non noble metal	aluminium	7429-90-5	2.991	0.14	0.14	1409	1409
encapsulation	organic material	carbon black	1333-86-4	8.988	0.42		4234	
	plastics	epoxy resin	-	144.971	6.83		68297	
	inorganic material	silicondioxide	60676-86-0	748.974	35.28	42.53	352847	425378
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3716	3716
solder	non noble metal	antimony	7440-36-0	0.246	0.01		116	
	noble metal	silver	7440-22-4	0.615	0.03		290	
	non noble metal	tin	7440-31-5	1.600	0.08	0.12	754	1160
*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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