



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R380E6		<b>Issued</b>		4. July 2019			
<b>MA#</b>		MA005339098							
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2104.82 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	4.522	0.21	0.21	2148	2148	
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171		
	non noble metal	iron	7439-89-6	1.202	0.06		571		
	non noble metal	copper	7440-50-8	1200.685	57.04	57.12	570445	571187	
	non noble metal	aluminium	7429-90-5	0.797	0.04	0.04	379	379	
wire	non noble metal	aluminium	7429-90-5	0.797	0.04	0.04	379	379	
encapsulation	organic material	carbon black	1333-86-4	8.825	0.42		4193		
	plastics	epoxy resin	-	142.394	6.77		67651		
	inorganic material	silicondioxide	60676-86-0	735.537	34.95	42.14	349454	421298	
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3748	3748	
solder	non noble metal	antimony	7440-36-0	0.261	0.01		124		
	noble metal	silver	7440-22-4	0.652	0.03		310		
	non noble metal	tin	7440-31-5	1.696	0.08	0.12	806	1240	
*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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