



Material Content Data Sheet



Sales Product Name		IPAN80R360P7		Issued		1. August 2018		
MA#		MA002497574						
Package		PG-TO220-3-320		Weight*		2202.44 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	0.19	0.19	1880	1880
leadframe	inorganic material	phosphorus	7723-14-0	0.345	0.02		156	
	non noble metal	iron	7439-89-6	1.149	0.05		522	
	non noble metal	copper	7440-50-8	1147.227	52.09	52.16	520888	521566
	non noble metal	aluminium	7429-90-5	0.793	0.04	0.04	360	360
wire	non noble metal	aluminium	7429-90-5	0.793	0.04	0.04	360	360
encapsulation	organic material	carbon black	1333-86-4	10.353	0.47		4701	
	plastics	epoxy resin	-	166.732	7.57		75703	
	inorganic material	silicondioxide	60676-86-0	862.096	39.14	47.18	391427	471831
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3246	3246
solder	non noble metal	antimony	7440-36-0	0.246	0.01		112	
	noble metal	silver	7440-22-4	0.615	0.03		279	
	non noble metal	tin	7440-31-5	1.600	0.07	0.11	726	1117
*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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