

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R360P7	**Issued**	23. December 2019
MA#	MA005411184		
Package	PG-TO220-3-313	**Weight***	2208.56 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	2.321	0.11	0.11	1051	1051
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.85	40.90	408477	409009
wire	non noble metal	aluminium	7429-90-5	0.796	0.04	0.04	360	360
encapsulation	organic material	carbon black	1333-86-4	2.301	0.10		1042	
	plastics	epoxy resin	-	215.518	9.76		97583	
	inorganic material	silicondioxide	60676-86-0	928.043	42.00	51.86	420202	518827
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3567	3567
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	750	750
solder	non noble metal	antimony	7440-36-0	0.167	0.01		75	
	noble metal	silver	7440-22-4	0.416	0.02		189	
	non noble metal	tin	7440-31-5	1.083	0.05	0.08	490	754
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.56	6.57	65596	65682
*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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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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