



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R120P7		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001670542						
<b>Package</b>		PG-TO220-3-253		<b>Weight*</b>		2134.55 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	5.679	0.27	0.27	2661	2661
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670	
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	copper	7440-50-8	1428.770	66.93	67.02	669352	670223
wire	non noble metal	aluminium	7429-90-5	3.061	0.14	0.14	1434	1434
encapsulation	organic material	carbon black	1333-86-4	3.345	0.16		1567	
	plastics	epoxy resin	-	130.438	6.11		61108	
	inorganic material	silicondioxide	60676-86-0	535.129	25.07	31.34	250699	313374
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10055	10055
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826
solder	non noble metal	antimony	7440-36-0	0.304	0.01		143	
	noble metal	silver	7440-22-4	0.761	0.04		357	
	non noble metal	tin	7440-31-5	1.979	0.09	0.14	927	1427
*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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