



Material Content Data Sheet



Sales Product Name		IPA60R099P7		Issued		20. July 2018		
MA#		MA002059190						
Package		PG-TO220-3-253		Weight*		2135.03 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	7.092	0.33	0.33	3322	3322
leadframe	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	iron	7439-89-6	1.431	0.07		670	
	non noble metal	copper	7440-50-8	1428.770	66.91	67.00	669205	670076
	non noble metal	aluminium	7429-90-5	3.047	0.14	0.14	1427	1427
wire	non noble metal	aluminium	7429-90-5	3.047	0.14	0.14	1427	1427
encapsulation	organic material	carbon black	1333-86-4	3.337	0.16		1563	
	plastics	epoxy resin	-	130.152	6.10		60960	
	inorganic material	silicondioxide	60676-86-0	533.956	25.01	31.27	250093	312616
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10053	10053
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826
solder	non noble metal	antimony	7440-36-0	0.359	0.02		168	
	noble metal	silver	7440-22-4	0.897	0.04		420	
	non noble metal	tin	7440-31-5	2.331	0.11	0.17	1092	1680
*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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