



Material Content Data Sheet



Sales Product Name				IPP60R099C7		Issued		20. July 2018	
MA#				MA001303640					
Package				PG-TO220-3-1		Weight*		2032.52 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	6.630	0.33	0.33	3262	3262	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.11	40.16	401143	401666	
wire	non noble metal	aluminium	7429-90-5	2.897	0.14	0.14	1425	1425	
encapsulation	organic material	carbon black	1333-86-4	5.912	0.29		2909		
	plastics	epoxy resin	-	112.332	5.53		55268		
	inorganic material	silicondioxide	60676-86-0	472.978	23.27	29.09	232706	290883	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10560	10560	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	401142	120	
solder	non noble metal	antimony	7440-36-0	0.343	0.02		169		
	noble metal	silver	7440-22-4	0.858	0.04		422		
	non noble metal	tin	7440-31-5	2.231	0.11	0.17	1098	1689	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.00	29.04	290018	290395	
*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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