



Material Content Data Sheet



Sales Product Name				IPP60R099C7		Issued		24. January 2018	
MA#				MA002035312					
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	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	iron	7439-89-6	0.816	0.04		402		
	non noble metal	copper	7440-50-8	815.335	40.11	40.16	401143	401666	
	non noble metal	aluminium	7429-90-5	2.880	0.14	0.14	1417	1417	
wire	non noble metal	aluminium	7429-90-5	2.880	0.14	0.14	1417	1417	
encapsulation	organic material	carbon black	1333-86-4	5.912	0.29		2909		
	plastics	epoxy resin	-	112.335	5.53		55269		
	inorganic material	silicondioxide	60676-86-0	472.990	23.27	29.09	232712	290890	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10560	10560	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121	
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	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	iron	7439-89-6	0.590	0.03		290		
	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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