



Material Content Data Sheet



Sales Product Name				IPP60R099P7		Issued		24. January 2018	
MA#				MA001647658					
Package				PG-TO220-3-1		Weight*		2032.71 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	0.35	0.35	3489	3489	
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	iron	7439-89-6	0.816	0.04		402		
	non noble metal	copper	7440-50-8	815.335	40.12	40.17	401105	401627	
	non noble metal	aluminium	7429-90-5	2.885	0.14	0.14	1419	1419	
wire	non noble metal	aluminium	7429-90-5	2.885	0.14	0.14	1419	1419	
encapsulation	organic material	carbon black	1333-86-4	5.908	0.29		2907		
	plastics	epoxy resin	-	112.255	5.52		55224		
	inorganic material	silicondioxide	60676-86-0	472.652	23.25	29.06	232523	290654	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10559	10559	
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	0.359	0.02		176		
	noble metal	silver	7440-22-4	0.897	0.04		441		
	non noble metal	tin	7440-31-5	2.331	0.11	0.17	1147	1764	
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	289990	290367	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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