



Material Content Data Sheet



Sales Product Name		IPP60R099C7		Issued		20. July 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	
wire	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
encapsulation	organic material	carbon black	1333-86-4	5.912	0.29		2909	
	plastics	epoxy resin	-	112.335	5.53		55269	
leadfinish	inorganic material	silicondioxide	60676-86-0	472.990	23.27	29.09	232712	290890
	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	
heatspreader	non noble metal	tin	7440-31-5	2.231	0.11	0.17	1098	1689
	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.
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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