



Material Content Data Sheet



Sales Product Name				IPB60R099CP		Issued		1. August 2018	
MA#				MA000848636					
Package				PG-TO263-3-2		Weight*		1565.71 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	15.501	0.99	0.99	9900	9900	
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		58		
	non noble metal	iron	7439-89-6	0.304	0.02		194		
	non noble metal	copper	7440-50-8	304.026	19.42	19.45	194178	194430	
	non noble metal	aluminium	7429-90-5	2.776	0.18	0.18	1773	1773	
wire	non noble metal	aluminium	7429-90-5	2.776	0.18	0.18	1773	1773	
encapsulation	organic material	carbon black	1333-86-4	10.132	0.65		6471		
	plastics	epoxy resin	-	111.452	7.12		71184		
	inorganic material	silicondioxide	60676-86-0	553.885	35.36	43.13	353760	431415	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6168	6168	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147	
solder	non noble metal	tin	7440-31-5	0.186	0.01		118		
	noble metal	silver	7440-22-4	0.232	0.01		148		
	non noble metal	lead	7439-92-1	8.859	0.57	0.59	5658	5924	
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105		
	non noble metal	iron	7439-89-6	0.548	0.04		350		
	non noble metal	copper	7440-50-8	547.666	34.98	35.03	349788	350243	
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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