



Material Content Data Sheet



Sales Product Name				IPB60R299CP		Issued		27. September 2017	
MA#				MA000731122					
Package				PG-TO263-3-2		Weight*		1559.46 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	6.215	0.40	0.40	3985	3985	
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195		
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59		
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	194957	195211	
wire	non noble metal	aluminium	7429-90-5	1.411	0.09	0.09	905	905	
encapsulation	organic material	carbon black	1333-86-4	10.280	0.66		6592		
	plastics	epoxy resin	-	113.076	7.25		72510		
	inorganic material	silicondioxide	60676-86-0	561.954	36.03	43.94	360351	439453	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6192	6192	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		147		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	147	
solder	noble metal	silver	7440-22-4	0.096	0.01		61		
	non noble metal	tin	7440-31-5	0.077	0.00		49		
	non noble metal	lead	7439-92-1	3.662	0.23	0.24	2349	2459	
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105		
	non noble metal	iron	7439-89-6	0.548	0.04		352		
	non noble metal	copper	7440-50-8	547.666	35.12	35.17	351191	351648	
*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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