



Material Content Data Sheet



Sales Product Name				IPB60R040C7		Issued		31. July 2018	
MA#				MA001632230					
Package				PG-TO263-3-2		Weight*		1566.39 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	9896	9896	
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	19.41	19.44	194094	194346	
	non noble metal	aluminium	7429-90-5	8.902	0.57	0.57	5683	5683	
wire	non noble metal	aluminium	7429-90-5	8.902	0.57	0.57	5683	5683	
encapsulation	organic material	carbon black	1333-86-4	10.050	0.64		6416		
	plastics	epoxy resin	-	110.554	7.06		70579		
	inorganic material	silicondioxide	60676-86-0	549.417	35.07	42.77	350754	427749	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6165	6165	
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	5656	5922	
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	34.96	35.01	349637	350092	
*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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