



Material Content Data Sheet



Sales Product Name		IPD60R2K1CE		Issued		26. September 2017			
MA#		MA001507202							
Package		PG-TO252-3-344		Weight*		322.08 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	1.272	0.39	0.39	3948	3948	
leadframe	non noble metal	iron	7439-89-6	0.144	0.04		447		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		134		
	non noble metal	copper	7440-50-8	143.904	44.70	44.75	446793	447374	
wire	non noble metal	aluminium	7429-90-5	4.565	1.42	1.42	14175	14175	
encapsulation	organic material	carbon black	1333-86-4	0.668	0.21		2075		
	plastics	epoxy resin	-	18.044	5.60		56022		
	inorganic material	silicondioxide	60676-86-0	114.944	35.69	41.50	356879	414976	
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11902	11902	
solder	noble metal	silver	7440-22-4	0.041	0.01		126		
	non noble metal	tin	7440-31-5	0.033	0.01		101		
	non noble metal	lead	7439-92-1	1.553	0.48	0.50	4822	5049	
heatspreader	non noble metal	iron	7439-89-6	0.033	0.01		103		
	inorganic material	phosphorus	7723-14-0	0.010	0.00		31		
	non noble metal	copper	7440-50-8	32.995	10.24	10.25	102442	102576	
*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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