



Material Content Data Sheet



Sales Product Name		IPD60R400CE		Issued		19. July 2018			
MA#		MA001504488							
Package		PG-TO252-3-344		Weight*		324.23 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	4.522	1.39	1.39	13947	13947	
leadframe	non noble metal	iron	7439-89-6	0.144	0.04		444		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		133		
	non noble metal	copper	7440-50-8	143.904	44.40	44.45	443835	444412	
wire	non noble metal	aluminium	7429-90-5	4.454	1.37	1.37	13737	13737	
encapsulation	organic material	carbon black	1333-86-4	0.653	0.20		2014		
	plastics	epoxy resin	-	17.630	5.44		54376		
	inorganic material	silicondioxide	60676-86-0	112.312	34.64	40.28	346397	402787	
leadfinish	non noble metal	tin	7440-31-5	3.834	1.18	1.18	11823	11823	
solder	noble metal	silver	7440-22-4	0.092	0.03		285		
	non noble metal	tin	7440-31-5	0.074	0.02		228		
	non noble metal	lead	7439-92-1	3.529	1.09	1.14	10885	11398	
heatspreader	non noble metal	iron	7439-89-6	0.033	0.01		102		
	inorganic material	phosphorus	7723-14-0	0.010	0.00		31		
	non noble metal	copper	7440-50-8	32.995	10.18	10.19	101763	101896	
*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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