



Material Content Data Sheet



Sales Product Name		IPD60R400CE		Issued		19. July 2018		
MA#		MA001581846						
Package		PG-TO252-3-343		Weight*		313.68 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	1.44	1.44	14416	14416
leadframe	non noble metal	iron	7439-89-6	0.137	0.04		438	
	inorganic material	phosphorus	7723-14-0	0.041	0.01		131	
	non noble metal	copper	7440-50-8	137.105	43.72	43.77	437084	437653
wire	non noble metal	aluminium	7429-90-5	4.561	1.45	1.45	14540	14540
encapsulation	organic material	carbon black	1333-86-4	1.267	0.40		4041	
	plastics	epoxy resin	-	24.082	7.68		76772	
	inorganic material	silicondioxide	60676-86-0	101.398	32.33	40.41	323252	404065
leadfinish	non noble metal	tin	7440-31-5	3.834	1.22	1.22	12221	12221
solder	noble metal	silver	7440-22-4	0.092	0.03		295	
	non noble metal	tin	7440-31-5	0.074	0.02		236	
	non noble metal	lead	7439-92-1	3.529	1.13	1.18	11251	11782
heatspreader	non noble metal	iron	7439-89-6	0.033	0.01		105	
	inorganic material	phosphorus	7723-14-0	0.010	0.00		32	
	non noble metal	copper	7440-50-8	32.995	10.52	10.53	105186	105323
*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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