



Material Content Data Sheet



Sales Product Name		IPD60R170CFD7		Issued		20. July 2018		
MA#		MA001714494						
Package		PG-TO252-3-341		Weight*		389.43 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	4.363	1.12	1.12	11204	11204
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		191	
	non noble metal	iron	7439-89-6	0.248	0.06		638	
	non noble metal	copper	7440-50-8	248.124	63.72	63.80	637146	637975
	non noble metal	aluminium	7429-90-5	1.556	0.40	0.40	3997	3997
wire	non noble metal	aluminium	7429-90-5	1.556	0.40	0.40	3997	3997
encapsulation	organic material	carbon black	1333-86-4	0.382	0.10		980	
	plastics	epoxy resin	-	11.575	2.97		29723	
	inorganic material	silicondioxide	60676-86-0	115.240	29.59	32.66	295919	326622
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9604	9604
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1307	1307
solder	non noble metal	tin	7440-31-5	0.072	0.02		186	
	noble metal	silver	7440-22-4	0.090	0.02		232	
	non noble metal	lead	7439-92-1	3.456	0.89	0.93	8873	9291
*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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