



Material Content Data Sheet



Sales Product Name		IPD60R280CFD7		Issued		20. July 2018		
MA#		MA001714492						
Package		PG-TO252-3-341		Weight*		388.50 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	2.932	0.75	0.75	7547	7547
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		640	
	non noble metal	copper	7440-50-8	248.124	63.88	63.96	638678	639510
	non noble metal	aluminium	7429-90-5	0.866	0.22	0.22	2230	2230
wire	non noble metal	aluminium	7429-90-5	0.866	0.22	0.22	2230	2230
encapsulation	organic material	carbon black	1333-86-4	0.388	0.10		998	
	plastics	epoxy resin	-	11.761	3.03		30274	
	inorganic material	silicondioxide	60676-86-0	117.098	30.14	33.27	301413	332685
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9627	9627
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1310	1310
solder	non noble metal	tin	7440-31-5	0.055	0.01		142	
	noble metal	silver	7440-22-4	0.069	0.02		177	
	non noble metal	lead	7439-92-1	2.631	0.68	0.71	6772	7091
*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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