



Material Content Data Sheet



Sales Product Name		IPD60R280CFD7		Issued		4. March 2019		
MA#		MA003783146						
Package		PG-TO252-3-341		Weight*		369.29 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	0.79	0.79	7940	7940
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		186	
	non noble metal	iron	7439-89-6	0.229	0.06		621	
	non noble metal	copper	7440-50-8	228.946	62.02	62.10	619958	620765
	non noble metal	aluminium	7429-90-5	0.866	0.23	0.23	2346	2346
wire	non noble metal	aluminium	7429-90-5	0.866	0.23	0.23	2346	2346
encapsulation	organic material	carbon black	1333-86-4	0.388	0.10		1050	
	plastics	epoxy resin	-	11.761	3.18		31849	
	inorganic material	silicondioxide	60676-86-0	117.098	31.71	34.99	317085	349984
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10128	10128
plating	non noble metal	nickel	7440-02-0	0.509	0.14	0.14	1378	1378
solder	non noble metal	tin	7440-31-5	0.055	0.01		149	
	noble metal	silver	7440-22-4	0.069	0.02		186	
	non noble metal	lead	7439-92-1	2.631	0.71	0.74	7124	7459
*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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