



Material Content Data Sheet



Sales Product Name		IPD60R280CFD7		Issued		20. July 2018		
MA#		MA001715806						
Package		PG-TO252-3-342		Weight*		334.60 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	0.88	0.88	8763	8763
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		144	
	non noble metal	iron	7439-89-6	0.160	0.05		479	
	non noble metal	copper	7440-50-8	160.096	47.83	47.89	478467	479090
	non noble metal	aluminium	7429-90-5	0.968	0.29	0.29	2893	2893
wire	non noble metal	aluminium	7429-90-5	0.968	0.29	0.29	2893	2893
encapsulation	organic material	carbon black	1333-86-4	1.153	0.34		3447	
	plastics	epoxy resin	-	16.148	4.83		48260	
	inorganic material	silicondioxide	60676-86-0	126.876	37.92	43.09	379184	430891
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11178	11178
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1564	1564
solder	non noble metal	tin	7440-31-5	0.055	0.02		165	
	noble metal	silver	7440-22-4	0.069	0.02		206	
	non noble metal	lead	7439-92-1	2.631	0.79	0.83	7862	8233
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		17	
	non noble metal	iron	7439-89-6	0.019	0.01		57	
	non noble metal	copper	7440-50-8	19.177	5.73	5.74	57314	57388
*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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