

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R280CFD7	**Issued**	19. September 2019
MA#	MA005402063		
Package	PG-TO252-3-341	**Weight***	388.71 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	7543	7543
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		639	
	non noble metal	copper	7440-50-8	248.124	63.84	63.92	638330	639161
wire	non noble metal	aluminium	7429-90-5	1.078	0.28	0.28	2773	2773
encapsulation	organic material	carbon black	1333-86-4	0.388	0.10		998	
	plastics	epoxy resin	-	11.761	3.03		30258	
	inorganic material	silicondioxide	60676-86-0	117.098	30.12	33.25	301249	332505
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9622	9622
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1309	1309
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	6768	7087
*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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