

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R210CFD7	**Issued**	06. April 2021
MA#	MA002256712		
Package	PG-TO252-3-341	**Weight***	389.23 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	3.709	0.95	0.95	9530	9530
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	63.75	63.83	637478	638307
wire	non noble metal	aluminium	7429-90-5	1.073	0.28	0.28	2757	2757
encapsulation	organic material	carbon black	1333-86-4	0.385	0.10		990	
	plastics	epoxy resin	-	11.692	3.00		30040	
	inorganic material	silicondioxide	60676-86-0	116.408	29.91	33.01	299076	330106
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9609	9609
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1307	1307
solder	non noble metal	tin	7440-31-5	0.065	0.02		168	
	noble metal	silver	7440-22-4	0.082	0.02		210	
	non noble metal	lead	7439-92-1	3.116	0.80	0.84	8006	8384
*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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