



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPD60R210CFD7	Issued	12. August 2021
MA#	MA005621408		
Package	PG-TO252-3-341	Weight*	389.86 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	9514	9514
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		191	
	non noble metal	iron	7439-89-6	0.248	0.06		637	
	non noble metal	copper	7440-50-8	248.124	63.64	63.72	636444	637272
wire	non noble metal	aluminium	7429-90-5	1.073	0.28	0.28	2752	2752
encapsulation	organic material	carbon black	1333-86-4	0.387	0.10		994	
	plastics	epoxy resin	-	11.750	3.01		30139	
	inorganic material	silicondioxide	60676-86-0	116.982	30.01	33.12	300062	331195
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9593	9593
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1305	1305
solder	non noble metal	tin	7440-31-5	0.065	0.02		167	
	noble metal	silver	7440-22-4	0.082	0.02		209	
	non noble metal	lead	7439-92-1	3.116	0.80	0.84	7993	8369
*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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