

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R210CFD7	**Issued**	06. April 2021
MA#	MA002182518		
Package	PG-TO252-3-342	**Weight***	335.36 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	1.11	1.11	11061	11061
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		143	
	non noble metal	iron	7439-89-6	0.160	0.05		478	
	non noble metal	copper	7440-50-8	160.096	47.73	47.79	477383	478004
wire	non noble metal	aluminium	7429-90-5	1.200	0.36	0.36	3579	3579
encapsulation	organic material	carbon black	1333-86-4	1.147	0.34		3421	
	plastics	epoxy resin	-	16.063	4.79		47897	
	inorganic material	silicondioxide	60676-86-0	126.209	37.63	42.76	376337	427655
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11152	11152
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1561	1561
solder	non noble metal	tin	7440-31-5	0.065	0.02		195	
	noble metal	silver	7440-22-4	0.082	0.02		243	
	non noble metal	lead	7439-92-1	3.116	0.93	0.97	9292	9730
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			17	
	non noble metal	iron	7439-89-6	0.019	0.01		57	
	non noble metal	copper	7440-50-8	19.177	5.72	5.73	57184	57258
*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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