

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R360CFD7	**Issued**	03. June 2021
MA#	MA005171980		
Package	PG-TO252-3-342	**Weight***	334.55 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	2.444	0.73	0.73	7304	7304
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	47.86	47.92	478548	479171
wire	non noble metal	aluminium	7429-90-5	1.219	0.36	0.36	3643	3643
encapsulation	organic material	carbon black	1333-86-4	1.157	0.35		3459	
	plastics	epoxy resin	-	16.200	4.84		48425	
	inorganic material	silicondioxide	60676-86-0	127.289	38.05	43.24	380483	432367
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11179	11179
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1565	1565
solder	non noble metal	tin	7440-31-5	0.049	0.01		147	
	noble metal	silver	7440-22-4	0.062	0.02		184	
	non noble metal	lead	7439-92-1	2.356	0.70	0.73	7042	7373
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	5.73	5.74	57324	57398
*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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