

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R280PFD7S	**Issued**	14. May 2021
MA#	MA003772974		
Package	PG-TO252-3-344	**Weight***	323.43 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	0.91	0.91	9066	9066
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.144	0.04		446	
	non noble metal	copper	7440-50-8	143.904	44.50	44.55	444930	445510
wire	non noble metal	aluminium	7429-90-5	2.002	0.62	0.62	6190	6190
encapsulation	organic material	carbon black	1333-86-4	0.674	0.21		2083	
	plastics	epoxy resin	-	18.191	5.62		56245	
	inorganic material	silicondioxide	60676-86-0	115.887	35.83	41.66	358304	416632
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11853	11853
solder	non noble metal	tin	7440-31-5	0.056	0.02		172	
	noble metal	silver	7440-22-4	0.070	0.02		215	
	non noble metal	lead	7439-92-1	2.657	0.82	0.86	8215	8602
heatspreader	inorganic material	phosphorus	7723-14-0	0.010			31	
	non noble metal	iron	7439-89-6	0.033	0.01		102	
	non noble metal	copper	7440-50-8	32.995	10.20	10.21	102014	102147
*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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