



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPD60R280CFD7	<b>Issued</b>	23. June 2021
<b>MA#</b>	MA005446212		
<b>Package</b>	PG-TO252-3-341	<b>Weight*</b>	389.37 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	0.75	0.75	7530	7530
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	63.73	63.81	637242	638071
wire	non noble metal	aluminium	7429-90-5	1.078	0.28	0.28	2769	2769
encapsulation	organic material	carbon black	1333-86-4	0.390	0.10		1001	
	plastics	epoxy resin	-	11.819	3.04		30355	
	inorganic material	silicondioxide	60676-86-0	117.674	30.22	33.36	302216	333572
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9605	9605
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1307	1307
solder	non noble metal	tin	7440-31-5	0.056	0.01		143	
	noble metal	silver	7440-22-4	0.070	0.02		179	
	non noble metal	lead	7439-92-1	2.657	0.68	0.71	6824	7146
*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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