



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPD60R600PFD7S	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005558058		
<b>Package</b>	PG-TO252-3-344	<b>Weight*</b>	322.42 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	1.669	0.52	0.52	5175	5175
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.02		165	
	non noble metal	iron	7439-89-6	0.177	0.05		549	
	non noble metal	copper	7440-50-8	176.899	54.87	54.94	548665	549379
wire	non noble metal	aluminium	7429-90-5	1.454	0.45	0.45	4509	4509
encapsulation	organic material	carbon black	1333-86-4	0.682	0.21		2115	
	plastics	epoxy resin	-	18.413	5.71		57110	
	inorganic material	silicondioxide	60676-86-0	117.298	36.38	42.30	363810	423035
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11890	11890
solder	non noble metal	tin	7440-31-5	0.039	0.01		120	
	noble metal	silver	7440-22-4	0.048	0.02		150	
	non noble metal	lead	7439-92-1	1.851	0.57	0.60	5742	6012
*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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