

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD80R600P7	**Issued**	05. April 2021
MA#	MA001644792		
Package	PG-TO252-3-341	**Weight***	388.39 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	2.570	0.66	0.66	6616	6616
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		640	
	non noble metal	copper	7440-50-8	248.124	63.89	63.97	638850	639682
wire	non noble metal	aluminium	7429-90-5	1.067	0.27	0.27	2748	2748
encapsulation	organic material	carbon black	1333-86-4	0.389	0.10		1001	
	plastics	epoxy resin	-	11.796	3.04		30372	
	inorganic material	silicondioxide	60676-86-0	117.445	30.24	33.38	302389	333762
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9630	9630
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1310	1310
solder	non noble metal	tin	7440-31-5	0.049	0.01		125	
	noble metal	silver	7440-22-4	0.061	0.02		156	
	non noble metal	lead	7439-92-1	2.319	0.60	0.63	5971	6252
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com