



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPD80R2K0P7	<b>Issued</b>	17. April 2021
<b>MA#</b>	MA005426440		
<b>Package</b>	PG-TO252-3-345	<b>Weight*</b>	336.88 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	1.085	0.32	0.32	3222	3222
leadframe	inorganic material	phosphorus	7723-14-0	0.058	0.02		172	
	non noble metal	iron	7439-89-6	0.193	0.06		573	
	non noble metal	copper	7440-50-8	192.629	57.18	57.26	571802	572547
wire	non noble metal	aluminium	7429-90-5	0.145	0.04	0.04	430	430
encapsulation	organic material	carbon black	1333-86-4	0.414	0.12		1230	
	plastics	epoxy resin	-	12.572	3.73		37320	
	inorganic material	silicondioxide	60676-86-0	125.171	37.16	41.01	371560	410110
leadfinish	non noble metal	tin	7440-31-5	2.562	0.76	0.76	7605	7605
plating	non noble metal	nickel	7440-02-0	0.565	0.17	0.17	1677	1677
solder	non noble metal	tin	7440-31-5	0.030	0.01		88	
	noble metal	silver	7440-22-4	0.037	0.01		110	
	non noble metal	lead	7439-92-1	1.419	0.42	0.44	4211	4409
*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