



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IP150R350CP	<b>Issued</b>	15. April 2021
<b>MA#</b>	MA005402825		
<b>Package</b>	PG-TO262-3-22	<b>Weight*</b>	1573.81 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	5.444	0.35	0.35	3459	3459
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		541	
	non noble metal	copper	7440-50-8	849.682	53.97	54.04	539887	540590
wire	non noble metal	aluminium	7429-90-5	1.924	0.12	0.12	1223	1223
encapsulation	organic material	carbon black	1333-86-4	2.947	0.19		1873	
	miscellaneous	miscellaneous	-	2.947	0.19		1873	
	organic material	phenol formaldehyde resin	9003-35-4	35.369	2.25		22473	
	inorganic material	silicondioxide	14808-60-7	47.159	3.00		29965	
	non noble metal	metal hydroxide	-	47.159	3.00		29965	
	plastics	epoxy resin	29690-82-2	70.738	4.49		44947	
	inorganic material	silicondioxide	60676-86-0	383.165	24.35	37.47	243462	374558
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9657	9657
plating	non noble metal	nickel	7440-02-0	1.651	0.10	0.10	1049	1049
solder	non noble metal	antimony	7440-36-0	0.298	0.02		189	
	noble metal	silver	7440-22-4	0.744	0.05		473	
	non noble metal	tin	7440-31-5	1.934	0.12	0.19	1229	1891
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67485	67573
*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 does not use any exemption.

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