



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP60R180C7	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA005404056		
<b>Package</b>	PG-TO220-3-123	<b>Weight*</b>	2036.15 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	3.951	0.19	0.19	1940	1940
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		401	
	non noble metal	copper	7440-50-8	815.335	40.04	40.09	400432	400953
wire	non noble metal	aluminium	7429-90-5	3.261	0.16	0.16	1601	1601
encapsulation	organic material	carbon black	1333-86-4	2.983	0.15		1465	
	miscellaneous	miscellaneous	-	2.983	0.15		1465	
	organic material	phenol formaldehyde resin	9003-35-4	35.802	1.76		17583	
	inorganic material	silicondioxide	14808-60-7	47.735	2.34		23444	
	non noble metal	metal hydroxide	-	47.735	2.34		23444	
	plastics	epoxy resin	29690-82-2	71.603	3.52		35166	
	inorganic material	silicondioxide	60676-86-0	387.851	19.05	29.31	190483	293050
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10541	10541
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	866	866
solder	non noble metal	antimony	7440-36-0	0.238	0.01		117	
	noble metal	silver	7440-22-4	0.596	0.03		293	
	non noble metal	tin	7440-31-5	1.550	0.08	0.12	761	1171
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.95	28.99	289501	289878
*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