



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP60R385CP	<b>Issued</b>	16. April 2021
<b>MA#</b>	MA005405643		
<b>Package</b>	PG-TO220-3-123	<b>Weight*</b>	2035.83 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	5.064	0.25	0.25	2488	2488
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	40.05	40.10	400492	401013
wire	non noble metal	aluminium	7429-90-5	0.715	0.04	0.04	351	351
encapsulation	organic material	carbon black	1333-86-4	2.987	0.15		1467	
	miscellaneous	miscellaneous	-	2.987	0.15		1467	
	organic material	phenol formaldehyde resin	9003-35-4	35.842	1.76		17606	
	inorganic material	silicondioxide	14808-60-7	47.789	2.35		23474	
	non noble metal	metal hydroxide	-	47.789	2.35		23474	
	plastics	epoxy resin	29690-82-2	71.684	3.52		35211	
	inorganic material	silicondioxide	60676-86-0	388.288	19.07	29.35	190727	293426
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10542	10542
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	866	866
solder	non noble metal	antimony	7440-36-0	0.283	0.01		139	
	noble metal	silver	7440-22-4	0.708	0.03		348	
	non noble metal	tin	7440-31-5	1.841	0.09	0.13	905	1392
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	289545	289922
*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