



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP60R125CP	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005562459		
<b>Package</b>	PG-TO220-3-321	<b>Weight*</b>	1928.36 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	13.508	0.70	0.70	7005	7005
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		754	
	non noble metal	copper	7440-50-8	1,452.764	75.34	75.44	753369	754349
wire	non noble metal	aluminium	7429-90-5	3.386	0.18	0.18	1756	1756
encapsulation	organic material	carbon black	1333-86-4	2.218	0.12		1150	
	inorganic material	zinc borate	-	42.133	2.18		21849	
	plastics	epoxy resin	-	88.702	4.60		45998	
	inorganic material	silicondioxide	60676-86-0	310.455	16.10	23.00	160995	229992
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3911	3911
solder	non noble metal	antimony	7440-36-0	0.576	0.03		299	
	noble metal	silver	7440-22-4	1.440	0.07		747	
	non noble metal	tin	7440-31-5	3.743	0.19	0.29	1941	2987
*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.
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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