



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP60R125CFD7	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005565891		
<b>Package</b>	PG-TO220-3-321	<b>Weight*</b>	1924.73 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	5.435	0.28	0.28	2824	2824
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.47	75.57	754787	755770
wire	non noble metal	aluminium	7429-90-5	3.304	0.17	0.17	1717	1717
encapsulation	organic material	carbon black	1333-86-4	2.254	0.12		1171	
	inorganic material	zinc borate	-	42.829	2.23		22252	
	plastics	epoxy resin	-	90.166	4.68		46846	
	inorganic material	silicondioxide	60676-86-0	315.580	16.40	23.43	163961	234230
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3918	3918
solder	non noble metal	antimony	7440-36-0	0.297	0.02		154	
	noble metal	silver	7440-22-4	0.741	0.04		385	
	non noble metal	tin	7440-31-5	1.928	0.10	0.16	1002	1541
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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