



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPP80R750P7	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005564670		
<b>Package</b>	PG-TO220-3-321	<b>Weight*</b>	1922.32 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	2.170	0.11	0.11	1129	1129
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		757	
	non noble metal	copper	7440-50-8	1,452.764	75.58	75.68	755735	756719
wire	non noble metal	aluminium	7429-90-5	0.866	0.04	0.04	450	450
encapsulation	organic material	carbon black	1333-86-4	2.278	0.12		1185	
	inorganic material	zinc borate	-	43.278	2.25		22513	
	plastics	epoxy resin	-	91.111	4.74		47396	
	inorganic material	silicondioxide	60676-86-0	318.890	16.59	23.70	165888	236982
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3923	3923
solder	non noble metal	antimony	7440-36-0	0.153	0.01		80	
	noble metal	silver	7440-22-4	0.383	0.02		199	
	non noble metal	tin	7440-31-5	0.995	0.05	0.08	518	797
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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