



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPAW70R950CE	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA001823590		
<b>Package</b>	PG-TO220-3-315	<b>Weight*</b>	1841.77 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	2.509	0.14	0.14	1362	1362
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
	non noble metal	copper	7440-50-8	630.863	34.25	34.29	342531	342977
wire	non noble metal	aluminium	7429-90-5	0.802	0.04	0.04	435	435
encapsulation	organic material	carbon black	1333-86-4	13.564	0.74		7364	
	plastics	epoxy resin	-	229.152	12.44		124420	
	inorganic material	silicondioxide	60676-86-0	954.546	51.84	65.02	518278	650062
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4197	4197
solder	non noble metal	antimony	7440-36-0	0.178	0.01		97	
	noble metal	silver	7440-22-4	0.445	0.02		242	
	non noble metal	tin	7440-31-5	1.156	0.06	0.09	628	967
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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