



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPA70R360P7S	<b>Issued</b>	02. April 2021
<b>MA#</b>	MA001508104		
<b>Package</b>	PG-TO220-3-312	<b>Weight*</b>	2055.11 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	2.493	0.12	0.12	1213	1213
leadframe	inorganic material	phosphorus	7723-14-0	0.285	0.01		138	
	non noble metal	iron	7439-89-6	0.949	0.05		462	
	non noble metal	copper	7440-50-8	947.445	46.10	46.16	461018	461618
wire	non noble metal	aluminium	7429-90-5	0.842	0.04	0.04	410	410
encapsulation	organic material	carbon black	1333-86-4	10.878	0.53		5293	
	plastics	epoxy resin	-	174.736	8.50		85025	
	inorganic material	silicondioxide	60676-86-0	904.635	44.02	53.05	440188	530506
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5399	5399
solder	non noble metal	antimony	7440-36-0	0.176	0.01		85	
	noble metal	silver	7440-22-4	0.439	0.02		214	
	non noble metal	tin	7440-31-5	1.141	0.06	0.09	555	854
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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