



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPA70R900P7S	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005556782		
<b>Package</b>	PG-TO220-3-312	<b>Weight*</b>	2055.45 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	1.203	0.06	0.06	585	585
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	46.09	46.15	460942	461542
wire	non noble metal	aluminium	7429-90-5	0.309	0.02	0.02	151	151
encapsulation	organic material	carbon black	1333-86-4	10.923	0.53		5314	
	plastics	epoxy resin	-	174.975	8.51		85127	
	inorganic material	silicon dioxide	60676-86-0	907.159	44.13	53.17	441343	531784
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5398	5398
solder	non noble metal	antimony	7440-36-0	0.111	0.01		54	
	noble metal	silver	7440-22-4	0.277	0.01		135	
	non noble metal	tin	7440-31-5	0.721	0.04	0.06	351	540
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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