



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IP160R125CP	<b>Issued</b>	11. May 2021
<b>MA#</b>	MA001674874		
<b>Package</b>	PG-TO262-3-22	<b>Weight*</b>	1568.65 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	13.508	0.86	0.86	8611	8611
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		542	
	non noble metal	copper	7440-50-8	849.682	54.15	54.22	541663	542368
wire	non noble metal	aluminium	7429-90-5	3.283	0.21	0.21	2093	2093
encapsulation	organic material	carbon black	1333-86-4	2.288	0.15		1459	
	plastics	epoxy resin	-	66.365	4.23		42307	
	inorganic material	silicondioxide	60676-86-0	503.459	32.10	36.48	320950	364716
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9688	9688
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1052	1052
solder	non noble metal	antimony	7440-36-0	0.577	0.04		368	
	noble metal	silver	7440-22-4	1.442	0.09		919	
	non noble metal	tin	7440-31-5	3.748	0.24	0.37	2389	3676
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67708	67796
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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