



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPAW60R360P7S	<b>Issued</b>	11. April 2021
<b>MA#</b>	MA001976882		
<b>Package</b>	PG-TO220-3-315	<b>Weight*</b>	1843.44 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	2.321	0.13	0.13	1259	1259
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	34.22	34.26	342222	342668
wire	non noble metal	aluminium	7429-90-5	0.798	0.04	0.04	433	433
encapsulation	organic material	carbon black	1333-86-4	12.784	0.69		6935	
	plastics	epoxy resin	-	228.687	12.41		124055	
	inorganic material	silicondioxide	60676-86-0	957.763	51.96	65.06	519553	650543
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4193	4193
solder	non noble metal	antimony	7440-36-0	0.167	0.01		90	
	noble metal	silver	7440-22-4	0.417	0.02		226	
	non noble metal	tin	7440-31-5	1.084	0.06	0.09	588	904
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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