



## Material Content Data Sheet



<b>Sales Product Name</b>		IPA60R600P7S		<b>Issued</b>		4. July 2019			
<b>MA#</b>		MA001674342							
<b>Package</b>		PG-TO220-3-312		<b>Weight*</b>		2055.35 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	1.664	0.08	0.08	810	810	
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	460965	461565	
	non noble metal	aluminium	7429-90-5	0.840	0.04	0.04	409	409	
encapsulation	organic material	carbon black	1333-86-4	10.905	0.53		5306		
	plastics	epoxy resin	-	174.822	8.51		85057		
	inorganic material	silicondioxide	60676-86-0	905.992	44.08	53.12	440796	531159	
leadfinish	non noble metal	tin	7440-31-5	11.095	0.54	0.54	5398	5398	
solder	non noble metal	antimony	7440-36-0	0.135	0.01		66		
	noble metal	silver	7440-22-4	0.339	0.02		165		
	non noble metal	tin	7440-31-5	0.880	0.04	0.07	428	659	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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