



## Material Content Data Sheet



<b>Sales Product Name</b>				IPW60R070C6		<b>Issued</b>		2. August 2018	
<b>MA#</b>				MA001073632					
<b>Package</b>				PG-TO247-3-44		<b>Weight*</b>		6054.58 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	21.341	0.35	0.35	3525	3525	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87383	87497	
wire	non noble metal	aluminium	7429-90-5	7.971	0.13	0.13	1316	1316	
encapsulation	organic material	carbon black	1333-86-4	19.838	0.33		3276		
	plastics	epoxy resin	-	376.913	6.23		62253		
	inorganic material	silicondioxide	60676-86-0	1587.004	26.21	32.77	262116	327645	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5264	5264	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4800	4800	
solder	non noble metal	antimony	7440-36-0	0.834	0.01		138		
	noble metal	silver	7440-22-4	2.085	0.03		344		
	non noble metal	tin	7440-31-5	5.420	0.09	0.13	895	1377	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.78	56.86	567836	568576	
*deviation	< 10%					Sum in total:	100.00	1000000	

### Important Remarks:

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