



Material Content Data Sheet



Sales Product Name		IPW60R070C6		Issued		27. September 2017		
MA#		MA000969488						
Package		PG-TO247-3-41		Weight*		6062.85 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	3520	3520
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87264	87377
wire	non noble metal	aluminium	7429-90-5	79.738	1.32	1.32	13152	13152
encapsulation	organic material	carbon black	1333-86-4	19.203	0.32		3167	
	plastics	epoxy resin	-	364.849	6.02		60178	
	inorganic material	silicondioxide	60676-86-0	1536.205	25.34	31.68	253380	316725
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5257	5257
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4794	4794
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	894	1376
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3438.006	56.69	56.77	567061	567799
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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