



Material Content Data Sheet



Sales Product Name				IPW65R099C6		Issued		1. August 2018	
MA#				MA001030750					
Package				PG-TO247-3-41		Weight*		6056.05 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	15.501	0.26	0.26	2560	2560	
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	8.74	8.75	87362	87475	
wire	non noble metal	aluminium	7429-90-5	41.836	0.69	0.69	6908	6908	
encapsulation	organic material	carbon black	1333-86-4	19.591	0.32		3235		
	plastics	epoxy resin	-	372.222	6.15		61463		
	inorganic material	silicondioxide	60676-86-0	1567.250	25.88	32.35	258791	323489	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5263	5263	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4799	4799	
solder	non noble metal	antimony	7440-36-0	0.648	0.01		107		
	noble metal	silver	7440-22-4	1.619	0.03		267		
	non noble metal	tin	7440-31-5	4.210	0.07	0.11	695	1069	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.75	56.83	567698	568437	
*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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