



Material Content Data Sheet



Sales Product Name				IPW60R125P6		Issued		27. September 2017	
MA#				MA001137988					
Package				PG-TO247-3-44		Weight*		6054.73 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	12.221	0.20	0.20	2018	2018	
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	87381	87494	
wire	non noble metal	aluminium	7429-90-5	42.737	0.71	0.71	7058	7058	
encapsulation	organic material	carbon black	1333-86-4	19.612	0.32		3239		
	plastics	epoxy resin	-	372.637	6.15		61545		
	inorganic material	silicondioxide	60676-86-0	1568.997	25.91	32.38	259136	323920	
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	0.535	0.01		88		
	noble metal	silver	7440-22-4	1.337	0.02		221		
	non noble metal	tin	7440-31-5	3.475	0.06	0.09	574	883	
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	567823	568563	
*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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