



Material Content Data Sheet



Sales Product Name		SPW24N60C3		Issued		20. July 2018		
MA#		MA001054626						
Package		PG-TO247-3-44		Weight*		6055.51 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	14.004	0.23	0.23	2313	2313
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	87370	87483
wire	non noble metal	aluminium	7429-90-5	42.581	0.70	0.70	7032	7032
encapsulation	organic material	carbon black	1333-86-4	19.598	0.32		3236	
	plastics	epoxy resin	-	372.354	6.15		61490	
	inorganic material	silicondioxide	60676-86-0	1567.805	25.89	32.36	258906	323632
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	0.599	0.01		99	
	noble metal	silver	7440-22-4	1.498	0.02		247	
	non noble metal	tin	7440-31-5	3.895	0.06	0.09	643	989
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	56.78	56.86	567748	568487
*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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