



Material Content Data Sheet



Sales Product Name		SPW35N60C3		Issued		1. August 2018		
MA#		MA001054440						
Package		PG-TO247-3-41		Weight*		6053.95 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	21.075	0.35	0.35	3481	3481
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87392	87506
	non noble metal	aluminium	7429-90-5	4.369	0.07	0.07	722	722
wire	non noble metal	aluminium	7429-90-5	4.369	0.07	0.07	722	722
encapsulation	organic material	carbon black	1333-86-4	19.872	0.33		3283	
	plastics	epoxy resin	-	377.571	6.24		62368	
	inorganic material	silicondioxide	60676-86-0	1589.773	26.26	32.83	262601	328252
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5265	5265
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4801	4801
solder	non noble metal	antimony	7440-36-0	0.812	0.01		134	
	noble metal	silver	7440-22-4	2.029	0.03		335	
	non noble metal	tin	7440-31-5	5.275	0.09	0.13	871	1340
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.78	56.86	567893	568633
*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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