



Material Content Data Sheet



Sales Product Name		SKW30N60		Issued		20. July 2018		
MA#		MA000519038						
Package		PG-TO247-3-41		Weight*		6047.49 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	3.331	0.06	0.06	551	551
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87486	87600
wire	non noble metal	aluminium	7429-90-5	7.653	0.13	0.13	1265	1265
encapsulation	organic material	carbon black	1333-86-4	20.004	0.33		3308	
	plastics	epoxy resin	-	380.075	6.28		62848	
	inorganic material	silicondioxide	60676-86-0	1600.317	26.46	33.07	264625	330781
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5337	5337
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4866	4866
solder	non noble metal	antimony	7440-36-0	0.217	0.00		36	
	noble metal	silver	7440-22-4	0.542	0.01		90	
	non noble metal	tin	7440-31-5	1.410	0.02	0.03	233	359
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	56.85	56.93	568501	569241
*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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