



## Material Content Data Sheet



<b>Sales Product Name</b>		SGW25N120		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000792442							
<b>Package</b>		PG-TO247-3-44		<b>Weight*</b>		6029.33 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	17.439	0.29	0.29	2892	2892	
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		659		
	inorganic material	phosphorus	7723-14-0	1.192	0.02		198		
	non noble metal	copper	7440-50-8	3967.074	65.79	65.88	657962	658819	
wire	non noble metal	aluminium	7429-90-5	3.633	0.06	0.06	603	603	
encapsulation	organic material	carbon black	1333-86-4	19.969	0.33		3312		
	plastics	epoxy resin	-	379.417	6.29		62928		
	inorganic material	silicondioxide	60676-86-0	1597.544	26.50	33.12	264962	331202	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5287	5287	
solder	non noble metal	antimony	7440-36-0	0.722	0.01		120		
	noble metal	silver	7440-22-4	1.805	0.03		299		
	non noble metal	tin	7440-31-5	4.692	0.08	0.12	778	1197	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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