



Material Content Data Sheet



Sales Product Name	SKP02N60			Issued		10. February 2016		
MA#	MA000846678							
Package	PG-TO220-3-1			Weight*		2029.47 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	1.261	0.06	0.06	621	621
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.19	40.24	401746	402270
wire	non noble metal	aluminium	7429-90-5	0.281	0.01	0.01	139	139
encapsulation	organic material	carbon black	1333-86-4	5.985	0.29		2949	
	plastics	epoxy resin	-	113.724	5.60		56036	
	inorganic material	silicondioxide	60676-86-0	478.839	23.59	29.48	235943	294928
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10575	10575
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	non noble metal	antimony	7440-36-0	0.105	0.01		52	
	noble metal	silver	7440-22-4	0.262	0.01		129	
	non noble metal	tin	7440-31-5	0.680	0.03	0.05	335	516
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.05	29.09	290453	290831
*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 2011/65/EU (RoHS) and does not use any exemption.

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