



Material Content Data Sheet



Sales Product Name		SPP07N60C3		Issued		27. September 2017		
MA#		MA001060924						
Package		PG-TO220-3-123		Weight*		2027.24 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	4.883	0.24	0.24	2408	2408
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		403	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.22	40.27	402191	402715
wire	non noble metal	aluminium	7429-90-5	7.051	0.35	0.35	3478	3478
encapsulation	organic material	carbon black	1333-86-4	2.331	0.12		1150	
	plastics	epoxy resin	-	67.592	3.33		33342	
	inorganic material	silicondioxide	60676-86-0	512.765	25.29	28.74	252937	287429
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10587	10587
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.276	0.01		136	
	noble metal	silver	7440-22-4	0.691	0.03		341	
	non noble metal	tin	7440-31-5	1.796	0.09	0.13	886	1363
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	29.08	29.12	290772	291150
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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